GEMMA CHAN
RICHARD MADDEN
KUMAIL NANJIANI
LIA McHUGH
BRIAN TYREE HENRY
LAUREN RIDLOFF
BARRY KEOGHAN
DON LEE
WITH KIT HARINGTON
WITH SALMA HAYEK
AND ANGELINA JOLIE
MARVEL STUDIOS
ETERNALS

MARVEL STUDIOS

ETERNALS

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MARVEL STUDIOS PRESENTS

MARVEL STUDIOS

ETERNALS

a film by
CHLOÉ ZHAO

Directed by ..... CHLOÉ ZHAO
Screenplay by ..... CHLOÉ ZHAO
and CHLOÉ ZHAO & PATRICK BURLEIGH
and RYAN FIRPO & KAZ FIRPO
Screen Story by ..... RYAN FIRPO & KAZ FIRPO
Produced by ..... KEVIN FEIGE, p.g.a.
NATE MOORE, p.g.a.
Executive Producer ..... LOUIS D'ESPOSITO
Executive Producer ..... VICTORIA ALONSO
Executive Producer ..... KEVIN DE LA NOY
Co-Producer ..... MITCH BELL
Based on the Marvel Comics by ..... JACK KIRBY
Director of Photography ..... BEN DAVIS, BSC
Production Designer ..... EVE STEWART
Edited by ..... CRAIG WOOD, ACE
DYLAN TICHENOR, ACE
Costume Designer ..... SAMMY SHELDON DIFFER
Visual Effects Supervisor ..... STEPHANE CERETTI
Visual Effects Producer ..... SUSAN PICKETT
Music by ..... RAMIN DJAWADI
Music Supervisor ..... DAVE JORDAN
Casting by ..... SARAH HALLEY FINN, CSA

Second Unit Director ..... DAN DELEEUW
Unit Production Manager ..... KEVIN DE LA NOY
Unit Production Manager ..... JOAN SCHNEIDER
First Assistant Director ..... SIMON WARNOCK
Key Second Assistant Director ..... JOEY COUGHLIN
Additional VFX Supervisor ..... MÅRTEN LARSSON
Head of Visual Development ..... RYAN MEINERDING
Supervising Sound Editors ..... ADDISON TEAGUE
DANIEL LAURIE
Re-Recording Mixers ..... LORA HIRSCHBERG
JUAN PERALTA
Creative Finishing Supervisor ..... EVAN JACOBS
Supervising Finishing Artist ..... JILL BOGDANOWICZ

CAST

Sersi ..... GEMMA CHAN
Ikaris ..... RICHARD MADDEN
Thena ..... ANGELINA JOLIE
Ajak ..... SALMA HAYEK
Dane Whitman ..... KIT HARINGTON
Kingo ..... KUMAIL NANJIANI
Sprite ..... LIA MCHUGH
Phastos ..... BRIAN TYREE HENRY
Makkari ..... LAUREN RIDLOFF
Druig ..... BARRY KEOGHAN
Gilgamesh ..... DON LEE
Karun ..... HARISH PATEL
Ben ..... HAAZ SLEIMAN
Jack ..... ESAI DANIEL CROSS
Patrick ..... ALAN SCOTT
Sandra ..... HANNAH DODD
Diego ..... ADRIÁ ESCUDERO
Jano ..... SEBASTIÁN CAPITÁN VIVEROS
Bollywood Star ..... NIKKITA CHADHA
Mesopotamian Young Man ..... ZAIN AL RAFEEA
Mesopotamian Father ..... ALBERTO FALCON RODRIGUEZ
Natural History Museum Student ..... LUCIA EFSTATHIOU
Aztec Child ..... ORSON ROSENBERG
Ancient Babylon Farmer ..... ARIADNA VADILLO SOTO
Ancient Babylon Smuggler #1 ..... DEREK HORSHAM
Gupta Hindu Priest ..... JEFF MIRZA
Mesopotamian Grandmother ..... ASCENSION MARTINEZ RUBIO
Ancient Babylon Smuggler #2 ..... OZER ERCAN
Arishem ..... DAVID KAYE

Stunt Coordinator ..... EUNICE HUTHART
Assistant Stunt Coordinator ..... LEOS STRANSKY
Fight Coordinator ..... MIKE LAMBERT
Stunt Department Coordinator ..... MADELEINE HANCE
Floor Supervisor ..... DAVID FISHER
HOD Stunt Rigger ..... PETER ROBINSON
Stunt Riggers ..... ROBERT CLARKE
CLIVE GOBLE

Sersi Stunt Double ..... ZOE PURDY
Ikaris Stunt Double ..... JOE KENNARD
Thena Stunt Double ..... KATIE MCDONNELL
Druig Stunt Double ..... JOSEPH PAXTON
Ajak & Makkari Stunt Double ..... TALILA CRAIG
Kingo Stunt Double ..... ANTON SIMPSON-TIDY
Phastos Stunt Double ..... TYGORAH SMITH
Gilgamesh Stunt Double ..... JON XUE ZHANG
Sprite Stunt Double ..... CHELSEA MATHER

Utility Stunts

ASHLEY BECK
ARIE DECKER
ELLIOT HAWKES
KIERON QUEST
JOSHUA RAVENSCROFT
ACE RUELE
ANDY WAREHAM
ADAM BOWMAN
DANNY FREITAS
JAN HOLICK
WILLIE RAMSAY
DANIEL RAWLINS
MENS SANA TAMAKLOE
MARTIN WILDE

Stunt Performers

HAYLEY AINSLEY
GUIOMAR ALONSO
PAUL BAILEY
MARCO BERTANGA
EMMA BRITTON
ANDREW BURFORD
IMOGEN CAIN
MIGUEL ANGEL LUQUE CANTOS
PABLO CASILLAS QUAIN
BILLY CLEMENTS
JAMES COX
MATT CROOK
MATT DA SILVA
WILL DEVILLE
DOM DUMARESQ
DARIN ELIE
DOREN FARMER
JONATHAN FEE
JOSIE FORMAN
LUKE GOMES
MARTIN GORDON
JONTY GREEN
NADIA HANSELL
GEORGE HARRIS
DEE HARROP
OCTAVIA HOPWOOD
STEVEN JEHU
GARY KANE
JAMIE KARITZIS
ROBBIE KEANE
NICK KHAN
XAVIER LAKE
FELIX LEECH
NICHOLAS LEWIS
SONNY LOUIS
TINA MASKELL
DAVID MCDUFF
THEO MORTON
JAKE OSBORN
CATHERINE PECK
RASHID PHOENIX
TILLY POWELL
MARC RODRIGUES-BERNET
JAKE SHALLCROSS
GURDITTA SINGH
ANNA STEPHENSON
RYAN STUART
PAUL WESTON
ANNABEL WOOD
SINA ALI
JAMES APPS
ANNA BENTON
THOMAS BILLINGS
ANNABEL BROOK
DACIO CABALLERO
ANNABEL CANAVEN
PHIL CAMPBELL
YUSUF CHAUDHRI
LIAM COOTE
JACINTA CRAIG
NICHOLAS DAINES
ANDRIUS DAVIDENAS
ELIZABETH DONKER-CURTIUS
SAM DURRANI
RACHEAL EVELYN
FARZEEN FASSIHI
PETE FORD
GRACE FRANZL
ANGEL GOMEZ DE LA TORRE
OLIVER GOUGH
DOMINIC HANCE
LAWRENCE HANSEN
JAMES HARRIS
JESSICA HOOKER
EROL ISMAIL
JACK JAGOGKA
PRAGAUN KAPUR
IAN KAY
MOHAMMED KHAN
KENNY KNIGHT
RENARDS LATOVSKIS
LUKAS LEONG
SARAH LOCHLAN
PAUL LOWE
KARL MAGEE
STEFAN MIHALACHE
CHRIS MORRISON
KIRAN PANDE
CHRISTINA PETROU
OLEG PODOBIN
TOM RODGERS
HASIT SAVANI
MATT SHERRAN
SAM STEFAN
JONNY STOCKWELL
PABLO VERDEJO
MARCUS WHITE
SHIRAZ YASIN

Stand-Ins

CECE ZHANG
CARIDAD ANGUS
KETAN MAJMADUR
ELLIE-MAE RATCLIFFE
MELISSA CHARTAN
BRADLEY MARSDEN
ALEX MACEACHERN
SARA ESCRIVA BOLUDA
ABBIE HARRIS
ABDUL POPOOLA
SID MAN

Bollywood Dancers

NISHA AALIYA
AMAR BAINS
SHERISSE BISRAM
CHARITHRA CHANDRAN
RICKESH CHAUHAN
SANJAY DATTANI
YANICH GHARITY
MARISSA HUSSAIN
NIDHI JOSHI
GIURSARAN KOHLI
RAMZAN MIAH
AARON MISTRY
ISMAIL MUGHAL
TARIQUE PACHECO
KAAJEL PATEL
VIBHUTI-SHEENA PATEL
MANUEL PAZHEDATH
ANTHONY PIUS
SAAJAN RAJA
DIGVIJAY RATHOD
EDDIE SAILEEM
PRIYANI ELLENI SHAH
AAKASH SHUKAL
SARSHI SONI
SHREYA VADNERKAR
MONSUR ALI
AMUN BHACU
SONAL CHAKRAUARATL
PRIYANKA CHAUHAN
ANUSHKA CONWAY
REUBEN GEORGE
AMRAN HUSSAIN
ESHA JASS
KRUPALI KHIMASIA
VLADIMIRS KOZEVNIKOVS
SHAHAZAN MIAH
UMAIR MUFTI
ABHISHEK MUKHERJEE
HARI PATEL
MEDHAUI PATEL
SHAMINA PATEL
ANEKHA PILLAI
SHIVA RAICHANDANI
SNEYA RAJANI
ANKUSH SAIGAL
JENNY SEPIERE FATTORE
BHAVINI SHETH
GURPREET SIAN
CHRISOULLA SPYRINDONOS
HARKIRAN VIRDEE

Supervising Art Director ..... MATTHEW GRAY

Art Directors ..... PATRICK HARRIS
OLIVER HODGE
KEITH PAIN
MATT SHARP
TOM WEAVING
Standby Art Director ..... JOANNE RIDLER
VFX Art Director ..... MARK O'KANE
Assistant Art Directors ..... GREG BRADLAUGH
GAVIN DEAN
AOIFE WARREN
Concept Modeller ..... ROB BEAN
Art Department Coordinator ..... TABITHA QUITMAN
Art Department Assistants ..... MONICA PAISLEY
ANDREW SMITH
KYLE STEPHEN-LETT
Lead Graphic Designers ..... KATHY HEASER
HEATHER POLLINGTON
Graphic Designer ..... DAVID AHERN
Assistant Graphic Designers ..... RUTA DAUBURE
ISOBEL MACKENZIE
Model Maker ..... ALEX HUTCHINGS
Draughtspersons ..... ALINA PAPP
DAVID MORGAN
OLIVIA WATKINS
Junior Draughtspersons ..... GREIG COCKBURN
CHELSEA DAVISON
JACK LEATHER
Senior Art Department Assistant ..... PAULA GONZALEZ
Graphics Assistant ..... ROISIN ABBOTT

Concept Artists

JULIAN CALDOW
VINCENT JENKINS
JON MCCOY
OSCAR POTTER
DAN WALKER
CHESTER CARR
DARIUS KALINAUSKAS
PETER MCKINSTRY
JORT VAN WELBERGEN

Visual Development Manager . . . . . AJ VARGAS
Visual Development Concept Artists . . . . . IAIN MCCAIG
KARLA ORTIZ
Visual Development Coordinator . . . . . SAMANTHA VINZON
Senior Digital Sculptor . . . . . ADAM ROSS

Visual Development Concept Illustrators

WESLEY BURT
ANTHONY FRANCISCO
IAN JOYNER
JERAD MARANTZ
TULLY SUMMERS
KEITH CHRISTENSEN
RODNEY FUENTEBELLA
ALEXANDER MANDRADJIEV
JOHN STAUB
JACKSON SZE

A Camera Operator . . . . . JOSHUA JAMES RICHARDS
A Camera First Assistant . . . . . DAVID COZENS
A Camera Second Assistant . . . . . CHLOE HARWOOD
B Camera Operator . . . . . JULIAN MORSON
B Camera First Assistant . . . . . LEIGH GOLD
B Camera Second Assistant . . . . . ALEXANDRA MEDEVILLE
Ronin Technician . . . . . BEN NORTON
Central Loader . . . . . FILIPPO MASO
Camera Trainee . . . . . ARCHIE REID
Additional First Assistant . . . . . JAMES PERRY
Digital Imaging Technician . . . . . TOM GOUGH
Digital Imaging Technician Assistant . . . . . RICK JAMES
DIT/Video Trainee . . . . . AMIR QURESHI

Aerial Photography & Drones by
HELICOPTER FILM SERVICES UK

Aerial DOP & Drone Camera Operator . . . . . JEREMY BRABEN
Helicopter Pilot . . . . . GILES DUMPER
Aerial Technician . . . . . OLIVER WARD
Drone Pilots . . . . . ALAN PERRIN
PETER AYRISS
Drone Camera Operator . . . . . JAMES SWANSON
Drone/Camera Assistant . . . . . SAM THURSTON
Aerial Operations Manager . . . . . DEREK DESMOND

Post Production Supervisor . . . . . ADAM COLE

First Assistant Editors . . . . . SIMON MORGAN
CHRISTINA MAR
Assistant Editors . . . . . DYLAN QUIRT
EMILY DENKER
LANA WOLVERTON
ALEC JOHNSON
Second Assistant Editors (UK) . . . . . ESTHER BAILEY
JESSICA O'DONOGHUE
Music Editors . . . . . ALEX LEVY
ERIC WEGENER
Post Production Coordinator . . . . . SUSAN MUELLER
Editorial Production Assistants . . . . . CHRISTIE BEDNARZ
PAUL CHYBA
SEBASTIAN RICO
Post Production Accountant . . . . . AMANDA LAM
Post Production
Assistant Accountants . . . . . NATTAKARN KULLAMART
TRACY LAM
SASITORN CHITRANUKROH
Post Production Payroll Accountant . . . . . KELSEY SCHNEIDER
Editorial Trainee (UK) . . . . . HARRY ALLPASS
Editorial Production Assistants (UK) . . . . . ALEXANDER WALLACE
MAIA ROBINS

Additional VFX Supervisor . . . . . CHRIS SHAW

VFX Production Managers . . . . . DENNIS MURILLO
JULIE BROWN
DAVID MASURE-BOSCO
VFX Accountant . . . . . JEANINE WILSON
VFX Bidding Producer . . . . . MARLA HENSHAW
VFX Coordinators . . . . . DANIEL RIVA
VALERIE WICKS
KIMBERLEY WELLS
Assistant VFX Coordinators . . . . . CAROLYN NEWES
DANIEL MATA
GRETA KOHLMOOS
VFX Marketing Coordinator . . . . . KATRISSA PETERSON
VFX Editors . . . . . JASON SOLBERG
BOB DRWILA
TYLER WHITMAN
HANNAH LONG
KOSTA SARIC
In-House Lead Compositor . . . . . JOHNNY WILSON
In-House Compositor . . . . . ISAAC BUONO
VFX Production Assistant . . . . . EMILY NUDELL
VFX On-Set Production Manager (UK) . . . . . JAESUNG OH
Senior VFX
Coordinator (UK) . . . . . ALEJANDRA VIEJO LOPEZ DE RODA
VFX Coordinators (UK) . . . . . CECY FALLS
ZOE MEDCRAFT
VFX Lead Data Wranglers (UK) . . . . . SAM BARNETT
NICKY PENN
Witness Camera (UK) . . . . . LORENZO ANTICO
JOEL ITSHINDO
Second Unit Data Wranglers (UK) . . . . . NADIR BENNAC
CHRIS UPSON
Second Unit Witness Camera (UK) . . . . . SAMUEL BARNETT
VANIA FLACCOMIO
VFX Texture Photographer (UK) . . . . . JOSE ARMENGOL
VFX Production Assistants (UK) . . . . . RACHEL TA
KATIE WATLING
EMILY KILGORE
CAITLÍN COLLINS
VFX Production Assistant
(Canary Islands) . . . . . DENISE MORERA
Supervising Marketing Editor . . . . . CRAIG TANNER
Marketing Editors . . . . . IAN MCCLARREN
IVAN MOUTINHO
MARIALYSE VEGA MARTINEY

3D Stereoscopic Supervisor ..... EMMA WEBB
3D Stereoscopic Producer .....MADALYNN ROSE SADEGHIAN

Assistant 3D Stereoscopic Supervisor ..... SEAN GOLDMAN
3D Stereoscopic Editors .....WAYAN PALMIERI
..... GUY WIEDMANN
3D Stereoscopic Production Assistants..... SOPHIA CRUM
RYAN HARVEY
3D Stereoscopic Technical Manager .....ANDY YAMADA
3D Stereoscopic
Sr. Production Coordinator .....TAGUI CHILYAN
3D Stereoscopic Production Coordinators..... STEVEN BAKER
BRIAN O'GRADY
C. THOMAS BARNARD

Production Supervisors .....KARL MCMILLAN
MIRANDA MARKS

Production Coordinator .....LEBO MOTJUOADI
Production Coordinator (Prep)..... JAKE EDWARDS
Floor Second Assistant Director..... MARY BOULDING
Second Assistant Director .....ANDREW YOUNG

Script Supervisor.....JO BECKETT
Assistant Script Supervisor ..... CHARLOTTE BROWNLEE
Assistant Production Coordinators..... KIRSTY BARHAM
LAUREN JAMES
Travel & Accommodation Coordinator .....MATTHEW ELLIS
Asst. Travel & Accommodation Coord..... GEORGE TELFER
Production Secretaries ..... RACHEL THOMAS
JORDAN SHORT
Script Coordinator .....BERTIE SPEIRS
Crowd Third Assistant Director ..... BETHAN JOHN
Third Assistant Director (Floor) .....NICK WHITE
Third Assistant Director (Base)..... ABBIE SHERIDAN
Physical Asset Assistants .....TOBIAS BATES
ROBERT CLARK
Environmental Coordinator .....LOUISE MARIE SMITH

Production Assistants

IVAN GERMANO — MAJID KHAN
SCARLET SHAY — NATHAN ADAM ELEMEN
SAM NEALE — CONOR FELTHAM
NASRIN HOQUE — SHANNON PHILLIPS
MATT BOOTH — JOHN HARPLEY

Financial Controller ..... DIARMUID COGHLAN

Production Accountant .....RUBY AVARDS
First Assistant Accountant..... CLAIRE QUINN
2nd Unit Production Accountant ..... GEMMA TODD
Payroll Supervisor.....HARRIET EASTGATE
Payroll Assistant Accountants .....NICOLE CERNAT
GEORGIA FLETCHER
LOUISE GREEN
EDWARD NEWMAN
RICHARD PRISEMAN
Payroll Accounts Assistants..... AMY AMBLER
WILL ROBINSON
Accounts Payable Supervisor.....LUKE TUCK

Assistant Accountants.....SOPHIE CAIN
EMMA CROWHURST
GEORGINA OATES
KATIE REYNOLDS
REBECCA TIMLETT
Accounts Assistant..... EMMALINE O'TOOLE
Cashier ..... ALI HUGHES
Accounts Clerks..... CHIREN AUJLA
DANIEL HALL
NATHAN MCCARTHY
Assistant Accountant Trainees..... ELLERBY WHITE
MARC RONNIE

SFX Supervisor ..... NEIL CORBOULD

Assistant SFX Supervisors ..... KEITH DAWSON
DAVID BRIGHTON
Workshop Supervisor ..... RAY FERGUSON
Floor Supervisor .....CHRISTOPHER MOTJUOADI
Prep Supervisor..... BRUCE ARMSTRONG
Breakaway Supervisor..... TY SENIOR
Hydraulics Supervisor .....DAVID HUNTER
Lead Senior SFX Technicians.....MARK HOLDCROFT
STEVE KNOWLES
COLIN UMPELBY

Senior SFX Technicians

GERGELY GLOVOTZ — GRAHAM POOLE
RAYTHEON BUNA — CRAIG LEONG
JAMES BAINGER — TIM STRACEY

Lead SFX Technicians.....TOM LLOYD
MATT FIELD
Digital Integration & SFX Designer.....KIERAN REED
SFX Manager .....FAYE GREEN
SFX Buyer.....LILLA SCHWARZ
SFX Health & Safety Advisor .....DOUG MCKENNA
SFX Wireperson .....JON CORBETT
SFX Storeperson .....MARK TANSWELL
SFX Modellers .....JOHN WEBB
WILLIAM OVERSTALL
KEITH HARLE
JULIAN ETRES
Proxy Team ..... ANNABEL TAIT
ALICE MCGILLICUDDY
NEIL FINLAY
SFX Trainees .....GRACE MAGRAS
DAISY CORBOULD
JOE ACKLAND
CONOR REDMOND

SFX Technicians

JOHN DUFFY — DECLAN O'DONNELL
EDWARD LEESON — LUC CORBOULD
NICK ELLWOOD — MARK GOUCHER
STEPHEN O'KANE — ARTHUR THORN
SEAN BEGBIE — ALEX LANDRUM
JAMES WILLIS

Assistant SFX Technicians

ALFIE SAMWELL
LIAM GILL
LOUIS ANDREWS
JO MARYON
LEIGH STEVENS
NATHAN MERREN
THOMAS ELDRED
LAWRENCE WHELAN
STEVE MCCORMICK

Property Master . . . . . CRAIG PRICE

Assistant Property Master . . . . . KENNY KIMBER
Props Storeperson . . . . . KRISTIN THEYERS
Assistant Storepersons . . . . . ABIGAIL DILBEY
TONE GIBBS
Props Coordinator . . . . . SAM SORBIE
Prop Making Materials Buyer . . . . . NICK GELLER
Action Props Buyer . . . . . DAISY POPHAM
HOD Prop Modeller . . . . . BEN HALL
Supervising
Prop Modeller . . . . . MIGUEL BATISTA DAS NEVES QUINA
Supervising Standby Props . . . . . ANDY FOREST
Supervising Props Painter . . . . . STUART SINCLAIR
3D Digital Sculptor . . . . . NAYDA VENIZELOS
Sculptor . . . . . STEVE LOVEDAY
Concept Artist . . . . . CHRIS CALDOW
Standby Props . . . . . ALEJANDRO MACKAY
Standby Props Juniors . . . . . ALEX MONRO-PURETT
ISABELLA MORREALE
Chargehand Dressing Props . . . . . GARETH BAILEY
TIAGO LISBOA
DAVID SUTHERAN
MIKE SYSON
Chargehand Props Painter . . . . . KEVIN BIGGS
Chargehand Props/Set Dec Carpenter . . . . . PAUL HOUSTON
Dressing Props Trainees . . . . . LEWIS COCOMAZZI
HARRY NEWMAN
LAURA WILLIAMS
Senior Prop Modellers . . . . . SIMON FORD
DOUG HEDGES
JEREMY KING
Prop Modellers . . . . . KERRIL FAHY
SOPHIE HULBERT
WAYNE MIDDLEMISS
JOHN PAYNE
ADAM YATES
Intermediate Prop Modellers . . . . . JAMES CHAPPELL
SAM GASKELL
VICKY PEARCE
Supervising Props Carpenter . . . . . MIKE HOUSEMAN
Junior Prop Modeller . . . . . REBECCA SMYTHE
Prop Modeller Trainees . . . . . CALLUM BELL
HEATHER CARBY
LORENZO MAZZON
KATHERINE SMITH
Props Painters . . . . . NATALIE LAWS
PETE LE PARD
Junior Painter . . . . . BIRGIT DE BRUCKER
Props Set Dec Carpenter . . . . . GRAHAM BARFORD
Props Improver Carpenter . . . . . OSCAR PESKY
Action Props Assistants . . . . . MAIRI CLAIRE BOWSER
KAREN FIELDING
Prop Making Materials Assistant . . . . . NATALIE WALTON
Dressing Prop Person Trainees . . . . . JAMES GREALEY
EUAN HOLMES
JOSEPH REANEY

Dressing Prop Persons

JUSTIN ACKROYD
ROB BARNES
DEAN CLEMENTS
SPENCER HIGGINS
MARK SINDALL
NICHOLAS AKASS
MICKY BLAKE
SIMON FLEISCHMAN
EMANUEL PEREIRA
LAURENCE WELLS

Set Decorator . . . . . MICHAEL STANDISH

Senior Assistant Set Decorators . . . . . FRANCISCO CHAMORRO
REBECCA PILKINGTON
Assistant Set Decorators . . . . . ERIN COUTTS
HANNAH WILLS
Production Buyer . . . . . KATIE ADAMSON
Assistant Production Buyers . . . . . ALEXANDRA HESKETH-WELLS
MAYA HENSON
Petty Cash Buyers . . . . . ANAÏS DELPECH
MONICA CASEY
HOD Armourer . . . . . TIM WILDGOOSE
Armoury Coordinator . . . . . FAYE RUDDICK
Supervising Mouldmaker . . . . . RICHARD SKELLY
Senior Modeller . . . . . GRAHAM BOWEN
Supervising Armourer . . . . . DAVID SILLERY
Armourers . . . . . ALEXANDER FRANCIS
NOEL FRANCIS
ALISTAIR HALLIDAY
NICK MASSEY
Greens HOD . . . . . JON MARSON
Greens Supervisors . . . . . WILL LOUGHLIN
SIMON SWEENEY
Greens Department Coordinators . . . . . CLAIRE MARSON
SOPHIE RICHARDSON
Greens Buyer . . . . . KEVIN BENNETT-TEASDALE
Supervising Chargehand Greenspersons . . . . . STEVE BURDETT
VLADIMIR PAVLU
Supervising Carpenter . . . . . BARNEY INMAN
Supervising Sculptor . . . . . ARABA OCRAN
Supervising Rigger . . . . . BILL BEENHAM
Supervising Painter . . . . . JESSE HAMMOND
Chargehand Greenspersons . . . . . THOMAS BERNARIUS
JOHN DENT
NEILL GRANGE
Art Director . . . . . MEG JONES
Assistant Art Directors . . . . . ALICE BIDDELL
SUSANNAH BROUGH
Draughtsperson . . . . . LARA GENOVESE
Set Decoration Coordinator . . . . . EMMA JAMES
Set Decoration Assistant . . . . . ABIGAIL MIESZCZAK
Set Decoration Runner . . . . . LIZZIE BUSH
Drapes Master . . . . . DANIEL WHITE
Drapes Assistants . . . . . IULIS ILIES
DANIEL DUGGAN
Modellers . . . . . KIRBY ALLEN-D'CRUZE
THOMAS HUGHES
Sculptor/Modeller . . . . . PAULA VINE

Electronics/Modeller ..... DAVID FARROW
Leather Worker/Modeller ..... ALEX OSTACCHINI
Leather Worker ..... HELEN LAKE
Painters ..... SAMANTHA KELM
HOLLY MARTIN
Lead Standby Greensperson ..... JAMES FINDLAY
Standby Greenspersons ..... ADAM PIERSON
CONRAD TUFFIN
Specialist Greensperson ..... JEREMY SCHOMBERG
Arbourists ..... CHRIS BENSON
SEBASTIAN BROOKS
Arbourist Rescue ..... OLLY CAMPBELL
ANDREW MOORE
DANIEL MOORE
Sculptors ..... RUTH HARRISON
CHRISSIE OVERS
KEELY SHEPHARD
Rigger ..... RICHARD LAW
Workshop Manager ..... EDWARD MASTERS

Greenspersons

DAVID ALEXANDER — NATHAN BACON
THEO BATCHELOR — NICK BILLAM SMITH
LEON BUDD — LAURA COLLINS
BEVAN DE KOCK — LAWRENCE DODDS
ELLEN FRANCIS — JOSHUA FRY
ANGUS HALE — JACK LATTIMORE
KATE LOUGHLIN — FELICIAN MANGO
LAUREN MARTIN — DAVE O'BYRNE
JOE PEACOCK — LOUIS SMART
MYLES SMART — JAKE STOLL
GEORGINA WHETSTONE — SAM WILLIAMS
DAVE WOOSTER

Production Sound Mixers ..... GARETH JOHN
PETER LINDSAY
First Assistant Sound ..... TOM HARRISON
KATE MORATH
Second Assistant Sound ..... FREYA CLARKE
JORDAN FEEMSTER
Video Operator ..... GUY MCCORMACK
Video Assistant ..... ALEX BRADFORD
Sound Maintenance ..... KIRSTY WRIGHT
LEE THOMPSON
Screen Skills Sound Trainee ..... AYESHA BREITHAUPT

Gaffer ..... DAVID SMITH
Best Girl ..... JEN LEWICKI
Electrical Best Boy (Floor) ..... JOSH LAIDLAW
Lighting Console Operator ..... DANIEL BOCKING
Standby Electrical Rigger (Floor) ..... JACK BRIDGES
Genny Operator ..... RICHARD DAVIES
Key Practical Electrician ..... MICHAEL WHITE
Standby Practical Electrician ..... LIAM HARRIS
Supervising Practical Electrician ..... RYAN HUFFER
Chargehand Practical Electrician ..... MATT CLARK
Rigging Gaffer ..... WARREN EVANS
Supervising Rigging Electrician ..... MARK TAYLOR
Electrical Rigging Desk Operators ..... ADAM MASTERS
DAVID TAYLOR
Chargehand Rigging Electricians ..... MICHAEL HILL
PAUL MIDDLETON
Rigging Electricians Storeperson ..... DENNIS O'CONNELL
Key Electrical Rigger ..... LEE SCHOFIELD
Supervising Electrical Rigger ..... JED BURNETT
Chargehand Electrical Riggers ..... JAMES KNOX
AARON MONTGOMERY
GLEN PRESCOTT

Electricians (Floor)

JAMES BROWN — SONNY BURDIS
RICARDO DEE WILLIAMS — BILLY DUNN
MICHAEL FENNELLY — BRUNO MARTINS
SAM SMITH — GARY VARNEY

Practical Electricians

SAM BELLIS — DOUG JOHNSON
STUART MONTEITH — JOE SHEWARD
PAUL WELLS — MICHAEL WOOLNER

Rigging Electricians

REECE BELLOTTI — NEIL BLOOR
RAYMOND BUSHELL — STANLEY COAKLEY
CHARLEY COX — CHARLIE EUSTON
MARK EVANS — TOBEY EVANS
MARK GAY — EUGENE GROBLER
IAN HARDING — RICKY HILL
CARL HUTTON — WILLIAM MCCULLAGH
ALAN MILLS — MATT RACKLEY
JAMES SIBLEY — THOMAS SMITH
ELLIOT THOMAS

Electrical Riggers

SCOTT GENTRY — LEWIS HANKINS
DAVE HARRISON — GLENN JACKSON
RYAN KETCHER-PRESCOTT — DANIEL MADDEN
GREGORY PRESS — JEFF SKINNER
ANDREW WATSON

Key Grip ..... KEVIN FRASER
Best Boy Grip ..... TONY BENJAMIN
B Camera Dolly Grip ..... BILLY GODDARD
Crane Grip ..... DAVE RIST
Head Technician ..... BEN EDWARDS
Crane Technician ..... DENNIS FRASER
Standby Stagehand ..... MARTIN BROWN
Standby Carpenters ..... ANDY APPLIN
RYAN SINNOTT
Standby Rigger ..... RHYS COOTE
Standby Painter ..... HANNAH MILES
Grip Trainee ..... MATTHEW MORIARTY

HOD Location Manager ..... TOM ASQUITH

Location Managers ..... LEX DONOVAN
BEN FROST
LUKE STEVENSON
Location Department
Coordinator ..... CATERINA BOSELLI VESPIGNANI

Location Department Assistants . . . . . PHYLLIDA REOCH
JONATHAN KERR
Location Scout . . . . . ANDREW HAMILTON
Unit Managers . . . . . SAM COURTNAGE
CHARLIE SIMPSON
Assistant Unit Manager. . . . . SAM LINCOLN
Studio Unit Manager . . . . . JON HILLS
Studio Assistant Unit Manager. . . . . MARTIN OLIVER
Studio Assistants . . . . . WILLIAM MUNDY
ALEX CHAKRABORTY

Assistant Location Managers

STEPHANIE ANDREW — EDWARD BOTTENHEIM
EMILY COLDWELL — JOSHUA HIBBERD
FELIX PYNE — ADAM SHARP

Location Marshals

LOUISE ANDREWS — MEGAN BELLRINGER
FLYNN BERRY — TOM COWELL
KRISTIAAN FISHER — MILLIE GLADWIN
MICHAEL KINGETT — BRUNHILD MORIN
JAKE ROBINSON

Costume Supervisor . . . . . NICOLE YOUNG
Assistant Costume Designers . . . . . POLI KYRIACOU
RICHARD SALE
Assistant Costume Supervisors . . . . . JESS LAWLESS
SIAN EVANS
TOM HORNSBY
Costume Buyers . . . . . KAT CAPPELLAZZI
CAROLINE BRETT
CHARLOTTE WISEMAN
Concept Artists . . . . . BELINDA LEUNG
GREG WRIGHT
DARRELL WARNER
BENJAMIN IP
Principal Cast Costume Coordinator . . . . . KATE-BETH WALLING
Key Crowd Standby . . . . . ELEANOR LANDGREBE
Stunt Costumer . . . . . BILLY PRICHARD
Key Textile/Breakdown Artists . . . . . RAPHAEL DILHAN
TIM SHANAHAN
Senior Textile/Breakdown Artists . . . . . LIBBY SILVA
SARAH LAU
BETTY LEE
TOMKE VAN GAWINSKI
MATHILDE PLISSON
Costume Textile/Breakdown Artists . . . . . REBECCA MCLEOD
FRAN BARER
KATE WILLIAMS
JESSICA SNYDER
KATE LAWSON
Costume Coordinator . . . . . LILY BEVAN
Junior Costume Buyer . . . . . MORGAN VEAZEY
Graphic Artist . . . . . CAROLINE LINDOP
Costumer to Ms. Jolie . . . . . SABRINA CALLEY
Costumer to Ms. Hayek . . . . . MARINA PROYKOVA
Principal Standbys . . . . . CHRISTIAN GODDARD
NADIA MERABTI
BRUNO DE SANTA
PERRY GOYEN
SABRINA OPEN
Senior Costume Assistant . . . . . JOANNA WRIGHT
Junior Costume Assistants. . . . . HETTY BOYD WALLIS
JASMINE LOWE
Key Costume Fabricator . . . . . BECKY JOHNSON
Senior Costume Fabricators . . . . . GEMMA DEVECCHI
ELISABET BERGGREN
Junior Textile/Breakdown Artists. . . . . CAROLINE CARRIG
LIBBY GUNNER
Costume Breakdown Trainees . . . . . RACHEL HAGUE
OLIVIA MURRAY
EMMA MACKENZIE
CLAUDIA JOHNS
Marvel Costume Supervisor . . . . . WENDY CRAIG
Marvel Costumer. . . . . DOUG MALLETTE
Costume Fabricators . . . . . BECKY SIMM
FIONA POLLARD
ISABELLE MORLEY
Junior Costume Fabricators. . . . . PHOEBE THOMPSON
ZOSIA STELLA SAWICKA
Junior Leather Worker . . . . . BEATRICE SHEPHERD
Costume Gangsperson . . . . . FRANK HAGERTY
Marvel Costume Production Assistants . . . . . HUNTER CRAIG
CAITLIN KAGAWA

Costume Cutters

ANGELA PLEDGE — KAY COVENEY
SOIZIC QUENTIN DE COUPIGNY — JOSIE PLEDGE
KASIA CHOJNOWSKA — FRANCIS SWEENEY
ANDREW CARTWRIGHT

Assistant Costume Cutters

ALICE HASSALL — ROSIE SMITH
SARINA POPPY GALLAGHER

Senior Costume Makers

JO NICHOLLS — HAYLEY CROMPTON
EDWINA JAMES — JENNIFER POWELL
ESTHER HIMER — EMMA O'CONNOR
EMILY WATSON — KATIE ROBINSON
DORA MURAKEOZY — CRISTINA RUGGERI
KATE JEANNE — MAISIE MCCUBBIN
DEBBIE WATSON — CC WAN
NICOLA BEALES — JACQUELINE SIMPSON
JESSICA SMITH

Costume Makers

GEORGIA CHANTRY — JESSICA COOPER
HILDEGUNN THORSNES MEYER — JOSIE HUNT
HANNAH CROFT — HELOISE WALKER
EMILY GRAHAM

Junior Costume Makers

EMILIA HARRIS — VERA MOLES
HANNAH SPRINGALL

Costume Assistants

JOSIE MAY — GENVA CORLETT
ESME CURTIS — ANTHONY TUFF
CHARLIE SALMON — NEIL MCRAE

Costume Trainees

LOTTIE FORRESTER
BETH WOOTTON
VERITY FINNEY GREEN
KEIRA FOX
SOPHIA BAIER
LANA MAY POWELL
LEO TYLER

Costume FX Supervisor ..... IVO COVENEY

Costume FX Coordinator ..... ANGELA ROWLAND
Senior Costume FX..... CHRIS BYRNE
DORDI MOEN
WILL COOMBS
Chief Costume FX Modellers..... EDMUND WOODWARD
LIZ THOMPSON
Senior Costume FX Prop Modellers CAD ..... MARK TRUNK
ANDY HODGSON
Costume FX Trainees..... HOLLY WELCH
MAX COVENEY
KAYLEIGH ALWILL
BETHANY PIRIE

Costume FX Juniors

CLAIRE RAWLINS
KYLE GHIRX
KRISTINE NILSEN
SUSANNA FYSON
LEWIS WHITE
NICK TYRELL
ELEANOR BROWN
HARVEY SMITH

Costume FX Assistants and Modellers

STEVE LAFFERTY
EMMETT DAVEY
ELENA CONSTANTINOU
MIKE SMART
BEN CREAN
KERRIN BRAIDEN
MAURA MESTRE
ROSE JACKMAN
JEREMY PLUMRIDGE
SARAH CLAMP
MATT STREET
VESNA GIORDANO
MATT BAKER
JIM BONES
SION ROBERTS

Makeup, Hair & Prosthetics Designer..... FRANCES HANNON

Key Hair & Makeup Artists ..... SIAN MILLER
CHARLOTTE ROGERS
Hair & Makeup Supervisor..... KAREN COHEN
Hair & Makeup Junior ..... JESSIE WALWIN
Crowd Hair & Makeup Junior ..... VICTORIA PIPE
Crowd Hair & Makeup Trainee ..... KARI THOMPSON
Hairstylist to Ms. Jolie ..... ADRUITHA LEE
Makeup Artist to Ms. Jolie ..... TONI GARAVAGLIA
Hairstylist to Ms. Hayek..... LOUILA SHEPPARD
Makeup Artist to Ms. Hayek..... CARMEL JACKSON
Prosthetics Makeup by ..... WALDO MASON EFFECTS LIMITED

Hair & Makeup Artists

ZOEY STONES
LAURA ALLEN
MONIQUE GIAMATTE
FLORA MOODY
CHERYL MITCHELL
CHLOE MEDDINGS
PETA DUNSTALL

Crowd Hair & Makeup Artists

HELEN BARRETT
SUSAN COLE
SARAH GRISPO
CAROLYNE MARTINI
LESLEY NOBLE
DOREY CILIA
PAM FOSTER
SARAH HAMILTON
EMMA MASH
VICTORIA POCOCK

UK Casting by
REG POERSCOUT-EDGERTON

US Casting Associates ..... JASON B. STAMEY, CSA
MOLLY DOYLE, CSA

US Casting Assistant ..... ANISSA GARCIA
Executive Assistant to Ms. Finn ..... ADYLENE VILLANUEVA
Unit Publicist ..... RACHEL KENNEDY
Dialect Coach..... SARAH SHEPHERD
American Sign Language Consultant ..... DOUG RIDLOFF
Tutors ..... JACKEY DAWNAY
ELAINE MEDINA
SUZY STRAWN SCOTT
HANNAH WILKINSON
Chaperones/Guardians..... LISA MCHUGH
RANJANA MITRA
Extras Casting by..... TWO10 CASTING
UK Casting Associates..... LILLIE JEFFREY
TAMSYN MANSON
UK Casting Assistants ..... STEVEE DAVIES
BENEDICT MINGHELLA
Stills Photographer..... SOPHIE MUTEVELIAN
EPK Camera..... BRADLEY HOGAN
Publicity Coordinator ..... AMY BINNS
Choreographer ..... NILEEKA BOSE
Assistant Choreographers..... BEN RAWLINGS
ANKUSH SAIGAL
SARA HARAKAT
Cast Trainer ..... DAVID HIGGINS
ADR Voice Casting by ..... JOHNNY GIDCOMB

Production & Development Executive ..... ZOIE NAGELHOUT

Executive Assistant to Mr. Feige..... COURTNEY BAKER
Executive Assistant to Mr. D'Esposito ..... ELEENA KHAMEDOOST
Executive Assistant to Ms. Alonso..... HEATHER BENNERS
Assistant to Mr. Moore ..... AMELIA EDGLEY
Executive Assistant to Mr. Bell ..... ELIOT LEHRMAN
Assistants to Ms. Zhao..... NATALIE TESTA
TRACY SENTINELLA
DORTHE WOLNER-HANSSEN
EMILIE FLEUETTE
Assistant to Ms. Chan..... LOUISA DILLON
Assistant to Mr. Madden..... DAISY RODGER
Assistant to Ms. Jolie ..... GRACE MCINNES
Assistant to Ms. Hayek..... JESSICA PARKER
Assistant to Mr. Nanjiani..... SEBASTIAN MAGIERA
Assistant to Mr. Tyree Henry ..... ORIEL BATHURST
Assistant to Mr. Keoghan ..... SHONA GUERIN
ASL Interpreters for Ms. Ridloff ..... RAMON NORROD
ANNA MCDUFFIE
Cast Production Assistant ..... SIMON WHITE

Construction Manager ..... RAY BARRETT

Assistant Construction Manager ..... STEVE COOK
Construction Accountant/Coordinator ..... SARAH HUNT
Construction Production Buyer ..... JACK DYER
Assistant Construction Coordinator ..... JACK LEWIS
Risk Assessment Manager ..... CHARLES LAW
Construction Drivers ..... SHANE MULLIGAN
JOE SHEPHERD
Construction Runners ..... JACK DAVEY
LARA DAVEY
Chargehand Practical Electrician ..... MARTIN SMITH
HOD Carpenter ..... TERRY LAW
Supervising Carpenters ..... ROSS DAVIS
LEE BIGGS
PETER SQUIRES
KEVIN HEDGES
PAUL STEWART
Chargehand Carpenters ..... MARK TITMUS
DEAN KELLY
Apprentice Carpenters ..... SOPHIA DARVILL
HARRY GOOD
JACK TOSNEY
Apprentice Plasterers ..... JACK BACON
OLIVER HIGGINS
RYAN TARN
JOE TURNER
Painter's Labourers ..... DEAN BUDD
NICK WESTERN
Apprentice Painters ..... AARON GOOCH
KAREN GREGORY
JAMIE MORRIS
LOUIS WADSWORTH
Painters Assistants ..... SHAIDA GHORBANIAN
JACK LOCKET
Riggers Labourer ..... STUART SAUNDERS
HOD Plasterer ..... SEAN HIGGINS
Supervising Plasterers ..... MATTHEW BARRETT
CHRIS CUBBERLEY-GOMIS
JEREMY ROSE
Chargehand Plasterer ..... STEVEN KELLY
Supervising Plasterer's Labourer ..... WARREN HARWOOD
HOD Painter ..... ALAN GOOCH
Supervising Painters ..... LARRY GOOCH
JOE HANSFORD
MARTIN LANE
Chargehand Painters ..... STAN LATTIMORE
MICHAEL WEAVER
Supervising Painter's Labourer ..... PAUL BUDD
HOD Stagehand ..... RUSSELL DELANEY
Supervising Stagehands ..... RAY DELL
ADAM GARATT
NIGEL ROSS
Chargehand Stagehands ..... JOHN CHAMBERLAIN
DANNY DELANEY
HOD Rigger ..... DARREN RASHBROOK
Supervising Rigger ..... LEE PRICE
Chargehand Riggers ..... MICHAEL COOPER
CHARLIE RICHARDS
HOD Sculptor ..... KATHRYN PRINCE
Supervising Sculptor ..... DAVID HERBERT
HOD Engineers ..... JAMIE BATES
IAN COPHAM
Engineers ..... WILLIANS DA SILVA
PAUL THOMAS

Carpenters

PAUL BEESON	ADAM BELL
ZAK BROGAN	DEAN BRYANT
FRANK CAMERON	ARCHIE CARTER
STEVEN CORKE	STEVE CORNWELL
MICHAEL CRANTON	JACK CROUCHER
MARCUS EHREN	KURT GOOCH
ANDY GOOD	TOM GORDON
CONRAD GOUCHER	NIAL HARDIMAN
AARON HIND	JASON HTAY
JONATHAN JOHNSON	ROBERT JOHNSON
STEVEN LAW	COLIN MANSBRIDGE
DEAN MORAN	CONNOR MORRIS
PETER PRESCOTT	LEE SANDERSON
NATHAN SMITH	KARL SQUIRES
JAMIE TODD	JACOB WILLIS
MATTHEW WISHER	TOM WRIGHT

Plasterers

DARREN BACON	GEOFF BACON
TOM COLE	WILLIAM COLLINGS
JOSHUA COOK	RON FOWLER
PATRICK GLEESON	ROWAN HARPER
CHRISTOPHER MARLOW	GARY MARLOW
DARYL MOORE	LEE MONTEBELLO
CALLUM MORRIS	DENIS MURRAY
ROSS MURRAY	PATRICK NORCOTT
STANLEY NORCOTT	MICHAEL O'CALLAGHAN
CHARLIE POLLECUTT	MARK RIDING
DANNY ROBERY	BARRIE RUDDICK
SAM SANDERSON	JAMES TAYLOR
DENNIS WATTS	LUKE WILLIAMS
SIMON WILLIS	DOUGLAS WOODS

Plasterer's Labourers

HARRY BOYLE	GLYN HARRIS
DEL HARWOOD	WILLIAM HIGGINS
CALLUM HOOK	BEN KEEN

Painters

JAYK BARNETT	PERRY BELL
GEORGE GOOD	PHILIP HAWLEY
DEAN LANCASTER	RICHARD LANCASTER
LEWIS MORTIER	DANIEL MUMMERY
GEORGE ROBERTS	LISA SUTCLIFFE
PAUL WALKER	RYAN WHITE

Stagehands

JASON ATTRIDGE
JASON BARNETT
LEE BEAVIS
PAUL DAVIES
FRANK DELANY
LAURENCE DELANY
MARK HODGES
GLEN LEWIS
RIKKI MARTIN
CHARLES MASON
TERRY NEWVELL
LOUIS WARD
KELLY WILSON

Riggers

TERRY CARTER
BARRY CLARKE
DANIEL CLARKE
BRADLEY CURTIS
CHRISTIAN DOYLE
BRADLEY FITZGERALD
JAMES HEPBURN
STUART SAUNDERS
DAVID WORSLEY

Sculptors

MOLLY BARRETT
MATTHEW O'DONOVAN
LYDIA SMITH

Catering by ..... RED CHUTNEY

Catering Managers ..... HUGO SOARES
LEE BERHARD
FIONA GILBERT
ALI CHAMBERLAIN
Head Chef ..... MARK WORBEY
Chefs ..... STUART HOOPER SMITH
MARTIN BOLO
DAVINA THOMAS
Kitchen Porters ..... JULIAN HILL
NATHAN LAWRENCE

Craft Catering

CHLOE QUINELL
DANIELLE O'CONNOR
LIVVY THOMAS
RAKHI JOSHI
MICHELLE POKOATI

Lead Health & Safety Advisor ..... DION BOWES
Health & Safety Advisors ..... JONATHAN HILL
BILL MACPHERSON
Health & Safety Coordinator ..... CHARLOTTE CURD
Key Set Security ..... DAVID MILLER
ELIZABETH MILLER
Location Security ..... MAIN UNIT
Production Security Access Administrator ..... RICHARD MYATT
Unit Medic ..... SHANNON ELPHICK

Animals provided by ..... BIRDS & ANIMALS UK
Horses provided by ..... THE DEVIL'S HORSEMEN
Horse Masters ..... DANIEL NAPROUS
CAMILLA NAPROUS

Transport Captain ..... DEAN THOMAS
Transport Secretary ..... GILLIAN GRAY
Assistant Transport Captain ..... BEN HUDSON
Picture Vehicle Supervisor ..... MARK OLIVER
Picture Vehicles Coordinator ..... JON MOORE
Picture Vehicles Office Coordinator ..... CHANTAL ETIENNE
Technical Trucks by ..... LAYS INTERNATIONAL
Lays International HOD ..... PHIL TAYLOR
Facilities Vehicles by ..... TRANSLUX INTERNATIONAL
Translux International HOD ..... RAZVAN ZIMCENCO

Drivers

KERRY ALLEN
JERRY BRADY
SIMON CHELLUM
TOBRISE CHINOSA
JOE CURTIS
NATHAN DAVIS
SPENCER DAY
MASON DURRELL
LEON DUSSARD
BARRY DYE
BILL DYE
BRIAN HAMMOND
GRANT HOBBS
DANNY JARMAN
ANDRZEJ KORNELUK
DORON LEVI
BRUCE NEIGBOUR
SHANE MOORE
DAVE MORGAN
DAVE NEVILLE
IOUNUT PADURARU
JIM PIKU
LEE RAZZALL
BILL REID
MARK RICHARDS
MUAAD SHAH
GEORGE SIMEON
CRAIG SMITH
CHARLES SPARROW
JAMES WISE
NEVILLE YOUNG

Translux Crew

ALEX BOYDEN
JOHN CORNWALL
ADRIAN DEHEL
CHRISTINA DIACONU
JIM DOHERTY
EMIL GRYOSKI
PAUL LACHMAN
STAN TUDOR
JOANNA WOSCIK

SECOND UNIT

Director of Photography ..... SAM RENTON
Production Manager ..... DANNY GULLIVER
First Assistant Director ..... JOE GEARY
Key Second Assistant Director ..... DAN JOHN

Production Coordinator ..... AMELIA SOUTHGATE
Assistant Production Coordinator ..... GRACE WOODWARD
Production Secretary ..... FRANKIE COONEY
Script Supervisor ..... HOLLY JOHNSON
Script Supervisor's Assistant ..... DANI WATSON
Sound Mixer ..... CHRISTIAN JOYCE
First Assistant Sound/Boom Operator ..... JIM HOK
Second Assistant Sound ..... JAMIE HALE
Supervising Standby Props ..... DEAN CLEMENTS
Standby Props ..... STEVE BARNES
Armourers ..... ADAM MCGEE-ABE
TOM RALPHS
Costume Standbys ..... TOMMY BLUNKELL
CHLOE NEYLAND
Key Grip ..... FELIX MILLBURN-FOSTER
Best Boy Grips ..... REBECCA HORSBURGH
DAVE WELLS
B Camera Grip ..... REECE HEARNSHAW
Crane Grip ..... ADRIAN BARRY
Crane Technicians ..... ROSS SEXTON
LUKE SKERTON
Standby Carpenter ..... ALEX ROBERTS
Standby Painter ..... CHARLIE DRINKELD
Standby Rigger ..... DARREN COOMBER

Standby Stagehands ..... BEN HENSHALL
DAVID LOCKYER
IAN SMIITH
SFX Floor Supervisor ..... TERRY FLOWERS
SFX Senior Technicians ..... JONATHAN BULLOCK
MARK ROBERTS
GARY COHEN
SFX Technicians ..... ADRIAN NICA
HUGO NUNES
Transportation Captain ..... DAVE BEMINSTER
Driver to Mr. DeLeeuw ..... TYRONE ROBERTS
HOD Lays Tech Trucks ..... GRANT ROBERTS
Lays Truck Driver ..... SHANE MOORE
Production Assistant ..... KATIE TIPTON
Assistant to Mr. DeLeeuw ..... JAMIE MIDDLETON
A Camera Operator ..... FIONN COMMERFORD
A Camera First Assistant ..... SACHA JONES
A Camera Second Assistant ..... NICK POOLE
Steadicam Operator ..... DEREK WALKER
B Camera First Assistants ..... LEO HOLBA
DORA KROLIKOWSKA
B Camera Second Assistant ..... WILL GETHINGS
Camera Trainee ..... LAUREN BYRNE
Video Playback Operator ..... LEIGH GARDNER
Video Assistant ..... SAM HOLMES
Digital Intermediate Technician ..... PETER MARSDEN
Digital Intermediate Technician Assistant ..... SAM OKELL
Hair & Makeup Supervisor ..... NICKY KNOWLES
Hair & Makeup Artists ..... GEMMA CALDER
SALLY CROUCH
Second Assistant Director ..... TOM RYE
Floor Second Assistant Director ..... LUKE KIMBLE-WILLIAMS
Third Assistant Director ..... IKE NEWMAN
Base Third Assistant Director ..... NATALIE WRIGHT-CELLA
Standby Art Director ..... TODD ELLIS
Gaffer ..... WILL FINCH
Best Boy ..... TERRY ROBERTS
Desk Operators ..... ELLIOT COULTER
ANDY MOUNTAIN
Electricians ..... JOSH BLOOR
JAMES KELLY
RICHARD MERRELL
PAT O'FLYNN
GARY NOLAN
GUY STALLARD
Practical Electrician ..... DANIEL THOMAS
Electrical Riggers ..... LUKE HERBERT
GREGG PRESS
Greens Standby ..... CHRIS BENSON
Greensperson ..... BENITO CAVALLARO
Set Security ..... MARK DRYDEN
DIONE WRATTEN
Health & Safety Advisor ..... DANIEL BURT
Unit Nurse ..... CLARE STONE

Assistant Director Production Assistants

PHOEBE HODGETTS — HARRI JONES
JAY JONES — KIRSTY MCKIRDY
LAUREN MILLS — SCOTT PENMAN
JESS SIMMONDS — MATTHEW TAPPING

Environmental Production Assistants

MAX BOYDEN — LUTANGA MULENGA
CHRISTOPHER CLARK — EMMA FRIEDL

CANARY ISLANDS UNIT

Sur Film Producer ..... ANDREAS WENTZ
Sur Film Producer/
Unit Production Manager ..... JUAN ANTONIO CANO
Unit Production Manager ..... MALLY CHUNG

Production Supervisor ..... BEA FLUXÀ
Production Manager ..... ALBERTO POVEDA
Production Coordinators ..... JACK TIMBRELL
MÓNICA RAMOS
Assistant Production
Office Coordinator ..... ANNA FRAGA MCLUCAS
Production Secretary ..... IDOYA PERELLO
Workshop Captain ..... CARLOS PÉREZ
Art Director ..... JONATHAN MARÍN
Animal Handler ..... AUGUSTO PERALTA
Camera Trainee ..... DAWID PIETKIEWICZ

Travel & Accommodation Coordinator ..... ESTHER LOZANO
Travel & Accommodation
Assistant ..... MACARENA MARTÍNEZ LÓPEZ
UK Location Accountant ..... CLAIRE ROBERTSON
Production Accountant ..... SARA MARTÍN
UK Assistant Accountant ..... NEIL PIERSON
First Assistant Accountant ..... SILVIA PAJARES
Second Assistant Accountant ..... PATRICIA ARAGÓN
Payroll Accountant ..... AINARA SÁNCHEZ DE TORO
Assistant Payroll Accountant ..... GLADYS REYES
Cashiers ..... ALEXIS BARTOL
HELENA PAJARES
Accounts Runner ..... ROSSANA FERNÁNDEZ RIVERA
Local Casting by ..... KATHARINA HOFMANN
Casting Assistants ..... JOSÉ BETANCOR
CRISTINA SANTACREU
Costume Supervisor ..... CRISTINA SOPEÑA
Costume Assistant ..... ARIADNA DE ARMAS
Alterations/Maker ..... JULIO PRIETO
Breakdown Artist ..... MARIA VALLS
Crowd Costumers ..... ADRIANA SARDÁ CASI
NÚRIA PASCUAL
DEBORAH DEL PINO SAVEEDRA
Greens Supervisor ..... WILL LOUGHLIN
Greens Coordinator ..... LULI GONZÁLEZ
Supervising Rigging Electrician ..... RICKY PATTENDEN
Crowd Hair & Makeup
Coordinator ..... BARBARA GUERRERO MARTÍNEZ
Crowd Hair & Makeup
Fittings Supervisor ..... MARILYN MCDONALD
Health & Safety Supervisor ..... SILVIA G. RANGIL

Canary Islands Location Supervisor ..... YANIRA DE ARMAS
Marine Advisor. ..... IGNACIO DOMÍNGUEZ
Mountaineer Supervisor. ..... LUCA LORENZO SALA
Rescue Coordinator ..... OLIVER LAVOISEY
Senior Assistant Set Decorator. ..... FRANCISCO CHAMORRO
Assistant Set Decorators. ..... DOMINGO SANTOS SANTANA
ALEXIS SANTOS
Dressing Props. ..... NICK ACKASS
HOPE ACKROYD
ROB BARNES
MICKY BLAKE
EMMANUEL PEREIRA
Chargehand Dressing Props ..... TIAGO LISBOA
DAVID SUTHERAN
LAURENCE WELLS
Set Decorator Coordinator ..... SILVIA TOBAJAS
Set Dec Buyer. ..... RAFA CASTRO EXPOSITO
Props/Set Dec Supervising Painter. ..... STUART SINCLAIR
Plasterer/Painter ..... ADAN MENTADO
ATL Catering ..... MANOLO MERINO
Catering ..... JOSÉ ALFONSO
FERNANDO SÁNCHEZ
UK Assistant Construction Manager. ..... LEE GOOCH
Construction Manager ..... JOSÉ MANUEL IDÁÑEZ
Assistant Construction Supervisor ..... JORGE IDÁÑEZ
Construction Buyer ..... ÁNGEL BARCELÓ SORIANO
Supervising Carpenter ..... LIAM HIND
Chargehand Carpenters ..... JACK HOLDER
MARTIN TREACHER
Supervising Plasterer. ..... COLIN SMITH
Chargehand Plasterers ..... NICK HALES
RORY MACDONALD
Supervising Painter ..... JOHN ROBERTS
HOD Painter ..... MODESTO HERRERA
Chargehand Painters. ..... RYAN MCNEIL
RYAN MCPHAIL
GEORGE ROBERTS
Supervising Stagehand ..... ADAM GARRATT
Chargehand Riggers ..... MARK JEWELL
MICHAEL KEELEY
Rigger ..... JOSÚE MARTINEZ
Machinery Operator. ..... JOSÉ BENIGNO PÉREZ
Unit Location Manager. ..... BEN FIRMINGER
Location Managers Fuerteventura ..... PRISCILA CALERO
CATHERINE GEARY
Location Manager Lanzarote ..... ISMAEL CURBELO BETANCOR
Location Electrician ..... JAMES CLEMO
Workshop Captains ..... GEMA HERNÁNDEZ
JUAN SANTIAGO SCHIELL
SFX Supervisors. ..... TERRY GLASS
PAU COSTA
SFX Prep Supervisors. ..... JAMES MURRELL
DOUG MEACHAM
SFX Coordinator ..... MARINA HERNANDO MOLINI

SFX Senior Technicians ..... BARRY ANGUS
JONATHAN BULLOCK
WES MOORE
CARLOS LAGUNA

SFX Buyer. ..... GOYO GONZÁLEZ
Production Translation ..... ISAAC GÓMEZ MARTEL
Transport Manager. ..... HENRY DRAY
Transport Coordinator ..... CRISTINA LOZANO
Transport Captain (Machinery & Cargo) ..... MAX ZIVKOVIC
Transport Captain. ..... DARREN HOLVEY
Transport Night Captain. ..... COLIN HINGSTON
Picture Vehicle Coordinator. ..... JOHN GONZÁLEZ MESA

SFX Technicians

ELOY CERVERA — MARIANO ALVARADO DEL BUENO
FELIPE DORADO — TONO GARZÓN
ANTONIO GARZÓN LLEONART — RAFA GRANADOS
DANIEL REBOUL LOPEZ — CARMEN MARTÍN
RAYCO BENITEZ MARTIN — KRISTAN PAUL
BRETT TIERNEY

Production Assistants

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IVÁN ALONSO — JOSUÉ ALONSO
NORDIN AOURES — LUIS ALBERTO BAEZ
EDUARDO ADARGOMA BENÍTEZ — JUAN CARLOS BERUPE
SELENE BRITO — ALEJANDRO GARRIDO CHACÓN
JUAN RAMÓN COBO — JUAN MIGUEL CUBAS
STEPHANIE DENISE — DIEGO DURÁN
ÁLVARO GARCÍA — PABLO DOMINGO GONZÁLEZ
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NELSON SANTANA MORALES — DENISE MORENA
FERNANDO OLANO — DANIEL OSMA
JAVIER PARRA — YRAYA PERDOMO
LEONARDO PÉREZ — TATIANA PÉREZ
CARLOS RODRÍGUEZ — NAYADE RODRIGUEZ
RAQUEL SANTANA — DIEGO SANTOS
MARISKA SMIT — ANDREI SOLOMÓN
REBECCA TAVARES — MIGUEL VARELA

Carpenters

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JOSE MANUEL HERNANDEZ — IVÁN NAVARRO
LUCAS POROLLI — JONATHAN RODRÍGUEZ
PEDRO MORENO SANTANA — JENS MARC SCHETLER

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JOSE FRANCISCO ABRAHANTES — ERNESTO GARCÍA
BRUNO DE VERA LIMA — BRUNO MEDINA
VÍCTOR MOLINA — ESTEBAN MORENO
DAILOS RUIZ — ARMAS ZEBENZUI

Painters

ZEBENZUI ARMAS — LAURA CABRERA
SARA CARRERA — SPENCER GUTIÉRREZ
MARTÍN CARLOS HERNÁNDEZ — EUGENIO HERNÁNDEZ
JORDAN JONÁS MELO — ROBERTO RUIZ

Stone Masons

CARLOS BUISÁN DE LEÓN — ARMANDO LÓPEZ DUFOUR
MELQUIADES GONZÁLEZ — JACOBO SANTANA LÓPEZ
CARLOS BUDÍA CABRERA PÉREZ — ANTONIO CABRERA ROBAINA
NÉSTOR CERPA VERA

Labourers

GUILLERMO ALONSO
CARLOS CABRERA
DANIEL JIMÉNEZ
ANTONIO PEREIRA
ISAAC ROSA
JOSÉ RAMÓN GÓMEZ ARMAS
MATÍAS CAMEJO
IKER NANCLARES
PEDRO MARTIN ROMANO
VICENTE VERÁ

Rigging Electricians

EUGENE GROBLER
SONNY BURDIS
CHARLES EUSTON

On-Set IT

BEN STORKEY
LEVI SEARLE
LUKE REID

Location Coordinators

GUILLERMO ALONSO
ROBERTO LEDO CAVA
LAURA GONZALEZ CORREDERA
SERGIO HERNÁNDEZ
FRANCISCO RAMOS
ÁNGEL MAHILLO ARTERO
MATIAS CAMEJO
JOSÉ LUIS HERNÁNDEZ
SANTIAGO PRÜTHER
EMILIO RODRÍGUEZ

On-Set Marshals

ALBERTO PÉREZ BRITO
JULIO GIL-RALDÓN
ISAAC REINOZA
ADAN FELIPE MENTADO SANTANA
NICO DECARA
YERAY MORALES
CARLOS RODRÍGUEZ

Lock Offs

JESÚS GUERRERO HERRERA
ROBERTO LOSADA IGLESIAS
LAURA IGLESIAS MUÑOZ
MANUEL LOSADA IGLESIAS
JUAN MANUEL MARTÍN MONTELONGO
MARCOS ZENON CABRERA PÉREZ

Prop Persons

ANTONIO ANDRÉS SÁNCHEZ CÁCERES
PENÉLOPE GÓMEZ
GUSTAVO HERNÁNDEZ
JORDAN JONAS MELO
JENS MARC SCHETLER
ANITA LEÓN CASTRO
VICTOR ALEJO GARCÍA GONZÁLEZ
JOSÉ RAMÓN HERNÁNDEZ
PAULA GONZÁLEZ MOLINERO

Props Labourers

MARCOS RODRÍGUEZ ARMESTO
ALEJANDRO ALFONSO FREY
PEDRO SUÁREZ SALAS
ROBERTO ANTONIO BASANTA BEN
BRYAN DAMIAN RODRÍGUEZ HERBST

Security

MIGUEL DOMINGUEZ PADIN
RICKY CRUZ
CECILIA CANO

CANARY ISLANDS SECOND UNIT

Assistant Production Coordinator..... FIROUZE HSSAINI
Workshop Assistant .....NAUZET RODRÍGUEZ EXPÓSITO
Assistant Unit Location Manager .....JORGE NOGUERALES
Machinery Operators..... JONATAN SANTIAGO ESPINEL REYES
PEDRO SOMOZA
Electricians .....MIGUEL ÁNGEL CRESPO BRAVO
VÍCTOR ALEJANDRO DELGADO MEDINA
ALBERTO VAL RODRIGUEZ

Grip Labourers..... JUAN RAFAEL CONTIÑAS
SERGIO LÓPEZ FERNÁNDEZ

Camera Trainees .....MARÍA EMILIA PAZOS
LUCAS RUGGIERELLO

Production Assistants

NIELS BENT
VÍCTOR CASTAÑO
DIEGO PARADA RAMOS
CLARA CARDÓN
JUAN CARLOS GUZMÁN
JOAQUÍN VILLALONGA

ADDITIONAL PHOTOGRAPHY UNIT

Unit Production Manager & Line Producer .....HELEN POLLAK
Unit Production Manager .....DAVID WITZ
Production Supervisor .....JASON ZORIGIAN
First Assistant Director .....JAYSON MERRILL
Second Assistant Director .....PETE WATERMAN

Stunt Coordinator.....JOEY BOX
Second Second Assistant Director .....MORGAN CLAY
Production Designer .....CLINT WALLACE
Art Director.....AJA KAI-ROWLEY
Assistant Art Director .....CHAD DELLINGER
Art Coordinator..... HEATHER ELWELL
Set Designer.....DAVID MEYER
Graphic Artist.....KRISTOPHER GIFFORD
Illustrator..... FABIAN LACEY
Art Production Assistant.....IAN HAMILTON
Production Coordinator .....LAURA PEÑA
Assistant Production Coordinator..... KAITLIN GOODHART
Production Secretary..... JARED FUHRMAN
Travel Coordinator .....ASHLEY SAUNDERS
Production Office Assistants.....HAILEY TRANSUE
WILSON VIRKLER
JAKE BLACKMAN

Script Supervisor..... SHARRON ENRIQUEZ-REYNOLDS

Production Accountant ..... TERRI GREENING
First Assistant Accountant.....MEARA MCDONALD
Second Assistant Accountant.....CHRIS CIKETIC
Accounting Clerks.....RYAN BROWN
ELYSSE MALLASCH
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Health & Safety Supervisor .....ERIKA PENDERGRAFF
Health & Safety Coordinator..... ANKE KUBALLA
Health & Safety Secretary..... HADIYYAH SMITH

SFX Supervisor..... ROY CANCINO
Props Head .....CHUCK MCSORLEY
Props Second ..... ROBERT FURE
Sound Mixer .....LEE ORLOFF

A Camera Operator .....DAVID EMMERICHS
A Camera First Assistant..... STEPHEN WONG
A Camera Second Assistant.....DANIEL URBAIN
B Camera First Assistant ..... DANIEL SCHROER
B Camera Second Assistant..... COLLEEN MLEZIVA

Boom Operator ..... JEFFREY HUMPHREYS

Digital Imaging Technician ..... JASON BAUER
Loader ..... ROBERT REAVES
Digital Utility ..... CRISS DAVIS
Video Assist ..... SHAWN NOOSHINFAR

Gaffer ..... GREG DOI
Best Girl ..... FRANCINE NATALE
Fixtures Foreperson ..... DAMON LIEBOWITZ
Rigging Gaffer ..... GLENN MORAN
Rigging Best Boy Electric ..... WOLFGANG STEINBECK

Key Grip ..... MARCO PEARSON
Best Boy Grip ..... SCOTT HOLLANDER
Rigging Key Grip ..... ROBERT ANDERSON
Rigging Best Boy Grip ..... JAY POPE
Key Costumer ..... TIFFANY BUSCHE
Hair Department Head ..... TERESSA HILL
Key Hairstylist ..... CATHERINE CHILDERS
Makeup Department Head ..... DEBORAH LA MIA DENAVER
Key Makeup Artist ..... KERRY HERTA

Location Manager ..... JENNIFER LEVINE
Key Assistant Location Manager ..... MICHAEL SOLEAU
Assistant Location Manager ..... GREGORY CATANIA
Transportation Coordinator ..... CODY CAIRA
Transportation Captain ..... STEVEN MARTINEZ
Transportation Dispatcher ..... TINA PETERSON

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Set Decorator ..... ANTHONY CARLINO
Leadperson ..... TYLER KETTENBERG
Set Decoration Coordinator ..... SHAUN YOUNG

Catering ..... ORLANDO HURTADO
Craft Services ..... TEDDY YONENAKA

Medical ..... NATHAN BELL

Motion Control Add'l VFX Supervisor ..... TROY MOORE
Motion Control Operator ..... ANTHONY JACQUES
Motion Control VFX Coordinator ..... DAVID GULLMAN
VFX Data Wranglers ..... NICK CURDY
JAMES DORNOFF
Assistant VFX Data Wranglers ..... MATTEO BORGOMANERO
MATT SKUTA

Witness Camera Operators ..... STEPHANIE WILLIAMS
GARRETT MCKENNA
MASON MOORE
DANIEL YOUNG

Production Assistants

RACHEL RUSH
CHRISTOPHER ROSENBLUM
JACOB VALENCIA
ROBERT GUERRERO
JIMMY KEYTE
ELIZABETH HOOK

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JESSE DAVIDSON
DAMIEN GORDON
JULIA MCCURDIE
ERIC WIELINSKI
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VP Business Affairs ..... RYAN POTTER
Executive in Charge of Production Legal ..... RACHEL VIGNEAUX
Production Attorneys ..... GRACE HAERI
JANE BECKER
DANIEL LOPEZ
VICTORIA MAZGALEV
Credits Executive ..... JEFF WILLIS
Script Clearances Executive ..... ERIKA DENTON
Clearances Manager ..... JENNIFER WOJNAR
Head of Production Finance ..... CHRIS MCCOMB
Production Finance Executives ..... KATHY MATTES
MAX MCFARLAND
Production Finance Senior Manager ..... MIKE SMIGIELSKI
Tax Incentives Manager ..... AISTE ANKUDAVICIUTE
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Product Placement Executive ..... JULIE A. KELLER
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Physical Production Coordinator ..... MEGAN MARQUARDT
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VP Post Production ..... CHRISTOPHER RUSSELL
Visual Effects Executive ..... TANISSA POTROVITZA SCHOEN
Post Production Executive ..... KACIE KANE
VFX Manager ..... JACQUELYN RACINE
Post Production Coordinator ..... MEGAN SCHNEIDER
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VP Franchise Creative & Marketing ..... SARAH TRULY BEERS
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Head of Technology ..... EDDIE DRAKE
Production Technology Executive ..... STEVEN S. SHAPIRO

Production Technology Managers ..... JOSEPH BOSWELL
MICHAEL MALONEY
KATIE MITCHELL
LAURALEA OTIS
Warehouse Manager ..... DANNY BROWN
Warehouse Supervisor ..... CHRISTOPHER MONROE
HR Business Partner ..... MAYERLING DIAZ-WILSON
Production Assistant ..... DEREK LUMPKIN

Marvel Studios Parliament

STEPHEN BROUSSARD
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TRINH TRAN

Marvel Studios Production & Development

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Marvel Studios Legal

HILARY JAY
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MONIQUE CURRY
MATTHEW GILBERT

Marvel Studios Production Accounting

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VANESSA LANDRY
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Marvel Studios Franchise Creative & Marketing

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Marvel Studios Technical Operations

JULIE BALDONADO-SMALLWOOD
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Marvel Studios Technology

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CHRIS COSSEY
RAYMOND FELIZ
ALLISON HETTINGER
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JO LOCKMAN
ESSEYE MERID
VINCE CERUNDOLO
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CARLOS GALAN IV
HEAJUEN HWANG
BO KOMEN
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LEELA NAVARRO
GIOVANNI NAVAS
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LYALL WATKINS

Marvel Studios Security, Content Protection, and Facilities

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RAYMOND ROJAS
KYLE P. STRAUSS
LIZA DEPIETRO
MATT WILKIE
BARRY CURTIS
MAT DORNEY
BROOKE CLAUSEN
PAYDEN EVANS

Marvel Studios Plates Lab

CHRISTOPHER CHAPMAN
MEGAN FLOOD
XAVIER ROMO
JOSH DAGG
COLLIN PELTON

Eros and Pip Created by ..... JIM STARLIN

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Filmmaker Services Manager ..... SHANNON WYNNE
Filmmaker Services ..... JASMINE OSUNA
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VP Content Technologies ..... MARC BRANDON
VP Insights & Analytics ..... ERIK CROUTHAMEL
VP Sound Post Production ..... BRIAN SAUNDERS
Projection Engineering Supervisor ..... KEVIN ROSENBERGER

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STEPHEN POTTER
KIEL HUNT
JEFFREY K. FU
BRENT KOETTER
IAN YOUNG

Sound Services Manager . . . . . DAWN BIRO
Post Production Engineers . . . . . FRANCISCO J. PAREDES
MEGAN LUSK
VAN LUONG
STEPHANIE HAAS
Media Systems Engineer . . . . . JUERG GRIEDER
Risk Management . . . . . MATT RUFFNER
JENNIFER DOMINGUEZ

VISUALIZATION

Visualization by
THE THIRD FLOOR, INC.

Visualization Supervisor . . . . . JAMES BAKER
Motion Control Supervisor . . . . . KEVIN TAN
Visualization Executive Producers . . . . . CHRISTOPHER EDWARDS
DANE ALLAN SMITH
Visualization Coordinators . . . . . MERIKA SAM-GERMAN
CHRISTOPHER BRADY THOMAS
Heads of Talent . . . . . LAURA ZENTIL
MARY HESKEL PAPADOPOULOS
Head of Marketing . . . . . LAUREN MOORE
Visualization Co-Supervisors . . . . . BRIAN CARNEY
BARRY HOWELL
Visualization Line Producers . . . . . EMILY UNRUH
LEIGH FREEDMAN
Associate Production Managers . . . . . CATHERINE DINH
CHARLIE NORTH
Head of Finance . . . . . ALLIE KOPPEL
Finance Manager (London) . . . . . BRENDON DUBLIN
Third Floor Producer . . . . . SARAH CAUCHOIS
Heads of IT . . . . . JEREMY ODDO
DAFER AL FAIADH

Visualization Leads

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MICHELLE DEL ROSARIO
JAIME VISEDO CAÑIZARES
DOMINIC MARTIN
JEANNINE KERNISAN
MATTHEW SMART
MICHAEL MCCREA
DANIEL HEDER

Visualization Artists

JORDAN EMERICK
CEEN J HU
CHRISSER ALVAREZ
TI REN
KATE O'DONNELL
FRANCISCO PACHECO
CRAIG BARDSLEY
DONNACHADA DALY
SI-QI HO
LUIS ACEDO
THOMAS PHILLIPS-HOWARD
BAHGET ABDALMALEK
JACK KOSOYAN
GREGOR PUNCHATZ
TYLER BURNS
CAITLIN INZINNA
DELON HO
GREGG WRENN
JURAJ ZUBAN
WOONHA JANG
TOM MULHALL
ANNA TERENTIEVA
ERICA GUALANDI
NICOLAS LOPEZ
ERIK SHVEIMA
CARLA MARQUÉS GRAU
HABINI BAE
ARNAUD BOULANGER
PETER PANTON
BOBBY STRAIN
CLYDE CABANBAN
LEON SCHMIDL
CHLOE GEMMELL
PAULINA SOKOL
LINA KOUZNETSOVA
ERIC SLACK
STEPHEN A BLOCH
ERIC TSUI
SOPHIE HILLS
SANDRA ROACH
WIN LEERASANTHANAH
STEVEN TOM
RICHARD ALMODOVAR
FABIO TOVAR
LEOPOLDO JUAREZ
DAN LANE
DONALD NETZEL
GEER DUBOIS
SANGHYUN SEAN KIM
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JAEMIN CHOI
PAUL NOVOROL
BRIAN BENDER
MOSES L. HOOD
BRAD BLACKBOURN
ALICE CHANG
RYAN KIRTACK
PETER ZHAOYU ZHOU
NICOLE NEWITT
LUKE AVERY
CHRIS WILLIAMS
ROGER MATHEWS
DAVID SUDD
PAUL KOONTZ
ZACH BRINKERHOFF
DAN COPPING
LEA ARACHTINGI
STEPHEN EMERY
PAUL HOPKINS
FRAN J ALONSO
EDVIN JUUJARVI
MARVIN YANEZ
CHRISTOPHER BEATTY
JACOPO SEBASTIANI
ALEXANDER ISAKSSON
MARVIN WOODYATT
LUKE BRIDGER
ERIK GRIOTT
SUNGUK CHUN
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ANDY MULLIGAN
SERGIO E GUARDADO
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DYLAN WYN OWEN
SHAWN LOPEZ
CARLOS MENDOZA, JR
CHRISTOPHE SAYAVETH
MCKINSEY AHN
LUCIL LEPEUPLE
MITCH GONZALEZ
SCOTT HANKEL
ANDREW MILLER
KOFI OPOKU-ANSAH
MIKE PHAROAH BARRETT
HAMILTON LEWIS
CORLEON RICHARDSON
JIBRAAN TAIMURI
ALEXANDRA ZEDALIS
NOOR ATA

Visualization Editors

MATT OZERSKI
THOM NEWELL
DAVID CARSON
KRISZTIAN MAJDIK
ANNA KORONKIEWICZ

VISUAL EFFECTS AND ANIMATION

Visual Effects and Animation by
WETA DIGITAL LTD

VFX Supervisor . . . . . MATT AITKEN
VFX Producer . . . . . MARVYN YOUNG
Animation Supervisor . . . . . SIDNEY KOMBO-KINTOMBO
VFX Associate Producer . . . . . LILY LAWRENCE

Weta Executive VFX Producer . . . . . DAVID CONLEY
Weta Head of Production . . . . . STEVEN MCKENDRY

VFX Sequence Supervisor . . . . . ROBIN HOLLANDER
Compositing Supervisors . . . . . TIM WALKER
DARREN CHRISTIE
TOBIAS WIESNER

Animation Sequence Supervisor . . . . . CRAIG YOUNG
CG Supervisors . . . . . GLEN SHARAH
KANE ELFERINK
FX Supervisors . . . . . GERARDO AGUILERA
CHET LEAVAI
Matte Painting Supervisor . . . . . THOMAS MOURAILLE

Senior Heads of Departments & Senior Production Managers

PHIL BARRENGER — GRAEME DEMMOCKS
LUCA FASCIONE — RICHARD FRANCES-MOORE
RAFAEL GARRIDO — SAMANTHA HAINES
DANIEL HODSON — AMY JAMESON
MATT MUELLER — SAMANTHA NIELD
MARCO REVELANT — JEDRZEJ WOJTOWICZ

Production

MARY ARGUE — DANIELE BERTOZZI
JANNY CHOU — RUBY CUMMING
MATTHEW DRAVITZKI — HAYDEN ELLIS
CHLOE FEODOROFF — MORGAN FOWLER
NATALIE FRITZ — JONATHAN HARRIS
ERIC HONG — JACK MATCHETTE
NEIL MAYO — KAYLA E. MILLER
KATHERINE MITCHELL — ELEANOR MORRIS
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SARAH REDDIE — KASEY MAREE ROSE
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KRYSTAL THOMPSON — MOLLY TOMPKINS
MÉLYSSA FORGET TURCOTTE — KATA VARGA
MATTEO J.D. VEGLIA

Heads of Departments and Department Crew/Managers

STUART ADCOCK — JACQUELINE ALLEN
JON ALLITT — MYLES ASSETER
DERRICK AUYOUNG — MIKE BAIN
JONATHAN BAKER — CASSANDRA BAKIC
DANIELLE BANEHAM — ADAM BRADLEY
MICHELLE BURGER — CLARE BURGESS
ALEXANDER BURT — KIRSTIN CAMBIE
AMANDA COLLINS — BRENTON COTTMAN
SARAH COWHEY — STEPHEN CULLINGFORD
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KATHY GRUZAS — BASSIM HADDAD
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KRISTINA MCGILLEN — ANDREW MCJORROW
TRISTAN MCMAHON — REBECCA J. METCALFE
ANNA MIDDLETON — ALICE MILA
DEJAN MOMCILOVIC — WOLFGANG NIEDERMEIER
JOHNATHAN M. NIXON — EMILIANO PADOVANI
CARA PAYNE — ANDREW PLAYER
YANN PROVENCHER — KRIS RICH
KIM RICKARD — KRISTINA RUSSO
GEORGINA SELBY — MICHAEL SMALE
ALBRECHT STEINMETZ — JACOB STEPHENS
ANNE P. TAUNGA — KIMBALL D. THURSTON III
DAVID HOUGHTON WILLIAMS

Lead Digital Artists

SAM BALZER — ZELJKO BARCAN
KEVIN W. BLOM — SCOTT BRISBANE
JOERG BRUEMMER — MICHAEL CHROBAK
SAMANTHA ERICKSTAD — LISA HOOPER
SWEEKIM LAI — LUISMA LAVIN PEREDO
THOMAS LO — JACOB LUAMANUVAE-SU'A
SARAH C. MATTHEWS — ANTHONY MCINDOE
ANDREA MERLO — KEVEN NORRIS
KAUSTUBH A. PATIL — STEPHAN REMSTEDT
JORDAN SHAND — SAM SHARPLIN
DAVID SHORT — ROGER SHORTT
FELIX TELFER — CHRIS TEMPLEMAN
ROGER WONG

Shots

EVRIM AKYILMAZ — ANDREW ALEVIZOS
YASUNOBU ARAHORI — JÖRG BAIER
LESLIE BAKER — MARK BARBER
PRADEEP BARUA — ADAM BEATTIE
CORY BEDWELL — JARNAIL BHACHU
HELEN BLAKE — STEFANIE BLATT
ELLA BOLIVER — BORIS BRUCHHAUS
DAVID BRUNETTE — PETER BUJDOSO
DANIEL BUKOVEC — ANDREW BURLES
LUCIE CASALE — RICHARD Y. CHANG
NAEEM CHUDAWALA — ANDREW R. CLARKE
ALEXIS CLAUX — SIMON COLES
TOM COLLIER — TOMMASO CORONA
PAIGE DE VANNY — THOMAS DEVEREAUX
ALEKSA DODIC — TIMOTHY EUSTACE MAJOR
JOSE FELIZARDO — HARRY M. W. FISHER
BRANDON JAMES FLEET — DANA FRANKLIN
ROGIER FRANSEN — PHALGUNI GALA
BRYANT T. GRIFFIN — KATHRIN GÜNTHER
SÉAN GUSH — JONATHAN HARKES
CAT HARRIS — OLIVER HEINRICH
TUNDE HEVELI — NICK HIATT
INJOON HWANG — PRERANA JAISWAL
BENOÎT JANKE — MARK J. JULIEN
KORY MARTIN JUUL — ANDREA YICZE KHOO
JOHN KITCHING — PATRICK KREUSER
ZYGIMANTAS KUCAS — ROGER KUPELIAN
HYUKIL KWON — KEN LAM
KATE G. LAMBERT — MICHAEL LANZENSBERGER
LORENZO LAVATELLI — BOON HOE LAW
EVELYNE LEBLOND — BRICE LEHMANN
ERWAN LEROY — MATTHEW LUMB
VALERIE LUMB — TOSHIYUKI MAEDA
VITTORIO MAGLIONE — DAISUKE MAKI
ANDY MARTINEZ CALZADILLA — EINAR MARTINSEN
RUBEN MAYOR — DONALD MCCORQUODALE
MATTHIEU MOLINA — DAMIANO MOLTISANTI
JEROME W. H. MOO — DAVID MORATON
DORA MOROLLI — MARNUS NAGEL
MARCELL HARASZTI NAGY — LUKAS K. NIEMCZYK

SAM NORMAN
FILIPPO PAGANONI
JOHN PERRIGO
SIMON QUACH
FERNANDO REULE
ROBERT J. RIDDELL
SEAN ROWE
STEFFEN SCHUBERT
MARTIN ANDREW SIMCOCK
TIM STERN
MASAHIRO TERAOKA
JEAN-BAPTISTE VERDIER
CHRIS WALKER
JOHN WALTERS
MIKE WOOD
SUMIT PABBI
CHRISTOS PARLIAROS
AMARNATH PR
MURALI RAMACHARI
BRETT REYENGER
SIMONE RIGINELLI
MARKUS SCHNEIDER
ANDREW SHANKS
BEN SIMONDS
DONNA W.Y. TANG
MAURIZIO VANOLO
TARQUIN VOSPER
BEN WALKER
CHEYANA WILKINSON

Motion

MIKE ASLIN
JAMES YUHSIU CHEN
WENLONG DU
YANNICK GILLAIN
DÁNIEL KERESZTES
JULIAN LEGGE
CAROL A. MADRIGAL
YOHANN MISST
ADAM NICKLASSON
TONY NORMAN
JONATHAN PAQUIN
FLORENT PERRIN
ALEXANDRE RONCO
THIAGO TIRAPELLE
HIROYUKI DAVID YABU
BLAIR BURKE
NICK CRAVEN
ALEXANDER FLEISIG
VICTOR HUANG
TOMÁŠ KOZLÍK
JOSEPH C.K LEONG
MARILYN MARCOTTE
BENJAMIN MULOT
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Assets

KRIS ANDREWS
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MAX KERR-HISLOP
SUNG JUNE KIM
NICOLETTE AGUILAR LAFORTEZA
JAMES PABLO MANLANGIT
HYEJIN MOON
SIMON RIDDEN
JUSTIN STEEL
SOMPONG TEEKASATHIEN
ANNIKA VAN VLIET
KAROL WLODARCZYK
MATTHIAS ZELLER
GREGORY BASSETT
BEN BIGIEL
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JOE WEIDENBACH
STACY M. YOI

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NIKOLAY GABCHENKO
PAUL H. PAULINO
CORNELIUS PORZIG
SVEN SCHWARZ
MIKE BAIN
MICHAEL CURTIS
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SANDRA PINTO
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GREGORY BELLIS
JASON BOND
LEE BRAMWELL
SIRIUS BUISSON
WILL CHANG
JASPER CHUNG
ROSS COLLINGE
PHILIP RICHARD COPLEY
STEVE CRONIN
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ROB MACBRIDE
DARIA MALESIC
DHARMIK MEHTA
SETH F. MILLER
MASAYASU MINOURA
DUNCAN NAIRN
JAMES POLLARD
CESAR R. QUIJADA
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PETER SALTER
HOLLY IN YOUNG SHIN
CORNELIA TAN
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KERSTIN HEROLD
HAMISH HILL
KAY HODDY
DANNY JONES
KI-HYUN KIM
KEITH KNIGHT
PRAVEEN KUMAR
APRIL LECKIE
LIAM MAJOR
MATT MCGUINNESS
DANIEL MEIGHAN
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JULIAN PAYNE
BEN POWDRELL
KADE RAMSEY
LUCITA RULE
GRAHAM SAXBY
ROBYN ALMA SORENSON
SIMON J. TAUA'I
PRAJEESH THOMAS
DENIS TRUTANIC
ANGUS WARD
MARZENA ZAREBA

Supporting Departments

CLARE ASHTON
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MIKE GUNN
GUILLAUME LENOIR
AMY MINTY
GABRIEL PAGE
VANESSA BLAIR RANCOUR
NADJA R. THORBY
ZARIAH M. WILSON
ANDREW COUPER
DAMIEN KEITH GARTNER
RORY HART
MICHELLE MERWOOD
ROSS M. MORRISON
INGE RADEMEYER
XANDER SANG
COLLEEN C. VILLASIS
KELLY YE

Visual Effects and Animation
By
INDUSTRIAL LIGHT AND MAGIC
A Lucasfilm Ltd. Company

ILM Visual Effects Supervisor ..... DANIELE BIGI
ILM Animation Supervisor ..... MATHIEU VIG
ILM Visual Effects Producer ..... CLAUDIA LECAROS
ILM Visual Effects Executive Producer ..... JEANIE KING
ILM Visual Effects Compositing Supervisor ... MARIAN MAVROVIC

VFX Supervisors ..... JAY COOPER
DAVID SEAGER
NIGEL SUMNER
VFX Producers ..... KATHERINE FARRAR BLUFF
ALEXANDRA GREENE
ARWEN MUNRO
Global CG Supervisor ..... PETER KYME
Animation Supervisors ..... MATHEW COWIE
ERIC LEONG
MATTHEW SHUMWAY
CG Supervisors ..... RÈMY DALMAS
EDMUND KOLLOEN
DANIEL LETARTE
Compositing Supervisors ..... CERNOGORODS ALEKSEI
NICOLAS CAILLIER
SHERVIN SHOGHIAN
VFX Associate Producer ..... NICK THOMPSON

Model Supervisors ..... DANIEL BRKOVIC
BEN LAMBERT
Creature Supervisors ..... VIKTOR FILLO
ED SIOMACCO, JR
ADOM YIP
FX Supervisors ..... TOBIAS KEIP
GEORGE KURUVILLA
ADAM LEE
Lighting Supervisors ..... BORA DAYIOGLU
MICHAEL HIPP
Look Development Lead ..... STEVIE DENYER
VFX Art Directors ..... JASON HORLEY
EDUARDO PENA
Texture Supervisor ..... WILLIAM GALLYOT
Layout Supervisors ..... PATRIK MAREK
LAU CHOON MING
MOHAMMAD RASTKAR
JOHN SISSEN

Generalist Supervisors ..... AARON BARR
CLEMENT GERARD
DAN WHEATON
Digital Paint & Roto Supervisors ..... SAMUAL DAWES
SHIVAS THILAK
PETER WELTON
Senior VFX Editor ..... MARK S. WRIGHT
VFX Editors ..... MUHAMMAD FAISAL MUSTAPHA
DARYL YEAP

Digital Lead Artists

TIGRAN BADALYAN
MENNO DIJKSTRA
JUAN A. ESPIGARES ENRIQUEZ
KIEL FIGGINS
JOHN ISKANDAR
MELISSA LIN
BRANDON MCNAUGHTON
SHEAUHORNG NG
JEREMY SAWYER
PIETER WARMINGTON
ELVIN SIEW XIANGYOU
CLAUDIO BASSI
MATTEO DOGLIOTTI
RAUL ESSIG
MATTHEW HANGER
MICHAL KRIUKOW
DAN MAYER
GEORGES NAKHLE
KEVIN REUTER
JOHN SERU
GREGORY WEINER

Digital Artists

JEREMIE ABRIAL
ALPER AKSIT
BALAJI ANBALAGAN
MATT ANDERSON
AYMERIC AUTE
MURAT AYASLI
SEUNG YEOP BAEK
RANDALL BAHNSEN
ALEXANDRE BAIN
TOMMY BARRY
TOM BASKAYA
MARC BEAUJEAU-WEPPENAAR
TOM BLAKE
LAURIC BONNEMORT
SCOTT BOURNE
HELEN BUNKER
ANTOINE VERNEY CARRON
MICHAEL CASHMORE
WAYNE CHAN
ARREV CHANTIKIAN
COSMO Z. CHEN
PETER CHESLOFF
SANDRA CHOCHOLSKA
EMANUELE COMOTTI
BILLY COPLEY
DAVID CRISPINO
BETH D'AMATO
SCOTT DACE
FILIPPO DATTOLA
SARAH DE SCHOT
JEROEN DESMET
AMIT DEV
HANNES DOORNAERT
JACK ENEVER
OLIVER EXMUNDO
BIANCA FARQUHARSON
KWEK FELDER
MARIANNA FERRANTE
ARIEL FLORES SILVA
ALICE FOREL
GERMAN CASADO FRAGA
PATRICK GAGNE
ANDY GARCIA, III
HONGFEI GENG
KENNY GOH
YOANN GOURAUD
BEN AICKIN
DANIEL ALEJO
BEN ANDERSON
LOUISE AUBERTIN
GURAY AYAOKUR
NOR AZMAN
LANCE BAETKEY
KEN BAILEY
ANAND BALASUBRAMANIAN
BRYAN BARTLETT
IAN BAXTER
KEVIN BELL
ADAM BLANK
SIKSIT BOONYODOM
MAYBRIT BULLA
GEM RONN CADIZ
BASILISA CANOVAS RUBIO
FANNY CHAN
WESLEY CHANDLER
BENJAMIN CHARLES
KAHJENG CHEONG
WONG CHIN CHIU
CRAIG CHRISTIAN
KARIN COOPER
MARIA CORCHO
JING CUI
CLARISA DEBBIE D/O SUREDERAM
KATYA DASHKOVSKAYA
FELIPE DE LANTEUIL
MARK DELLA ROSSA
FRANCOIS-MAXENCE DESPLANQUES
MICHAEL DHARNEY
THOMAS DØHLEN
DAVID R ESPINOZA
STEFANO FARCI
ANDREAS FEIX
JAVIER FERNANDEZ
JAKE FERRIS
BRIAN FLYNN
KATE FORREST
LUDOVIC FREGÉ
RONNY GANI
THIBAULT GAURIAU
CHEE JUN GHAI
JORGE GONZALEZ DE COSSIO E.
DUNCAN GRAHAM

SIMON GREEN
BRANKO GRUJCIC
JESUS GARRIDO GUISADO
GERALD GUTSCHMIDT
JOHN HANSEN
TRAVIS HARKLEROAD
CHRIS HEMPEL
BRYAN HORVAT
REBECCA HUNG HAN YUN
ALICE JARRE
SVEN JENSEN
RUSSELL CHEN JIARUI
TOMOS JONES
OLIVER KANE
ROSIE KEANE
POH SIANG KEE
HAETSAL KIM
DAVID KIRCHNER
STEVEN KNIPPING
YANN LE CORRE
JAX LEE
SUNGMIN LEE
MARCO LEONE
LEO FENG-I LIAO
LOO KIM LIM
ALEX (ZINAN) LIU
FALK LUDE
DEMIS LYALL-WILSON
JASON MADIGAN
ARON MAKKAI
XAVIER MARTIN-RAMIREZ
TOM MARTINEK
IAN MATHEWS
ALICE MC LOUGHLIN
OLIVER MCCLUSKEY
JOSEPH THOMAS MEKATUKULAM
ANDRE METELLO
RYO MIKAI
CHAN YUK LEUNG MO
MAT MONRO
ALLISON MOON
FINLAY MOYLAN
NICK MULREAN
BEN NEALL
JOHN NIFOROS
CHUANG NIU
TRISTAN NORTH
DANIEL O'SHAUGHNESSY
ALEX OUZANDE
SHARON PENG
GIORGIA PULVIRENTI
NICK NG LI QIN
OWEN RACHEL
MICHAEL RANALLETTA
MEGAN RIBLE
DANIEL RIDLEY
JOHNNY ROEK
MARK DELLA ROSA
BASILISA CANOVAS RUBIO
RYAN RUIZ

AARON GREY
RODRIGO GUERRERO
YAIR GUTIERREZ
STIAN HALVORSEN
THOMAS HARDY
TREVOR HAZEL
TAN WOEI HONG
JESSICA HSIEH
PRAVEEN ILANGOVAN
PAULINE JAVELOT
SIEW JIA YI
BRYAN JONES
HIMANSHU JOSHI
ANDREAS BRAVIN KARLSSON
ROBIN KEAST
KEM KEMAL
MIRANG KIM
STEFANOS KITTAKIS
DAMIEN LAM
KATERINA LEBEDEVA
JERRY LEE
ZHEN YANG LEE
FANGFEI LI
TODD LIDDIARD
DESMOND LIN
CEDRIC LO
FRANKINO LUPO
ZIJUN MA
YATEEN MAHAMBREY
SCOTT MARRIOTT
WILL MARTINDALE
RUDY MASSAR
CORENTIN MAUDHUIT
JONATHAN J. MCCALLUM
JAMES MCPHAIL
APARNA MEPANI
ALICE MIGGIANO
CHELSEA KHOO HUI MING
AZHUL MOHAMED
TAISA MONTEIRO
PAT MOREIRA
CHRIS MULLINS
ROHIT NAYAK
GIANG NGUYEN
YOK NIMMAHNRATANAKUL
MATHIAS NORGAARD
JEAN-BAPTISTE NOYAU
MATTEO OLIVIERI-DANCEY
KAUSHIK PAL
PARIS PREMDAS
LYNN TANN QIANLING
EDWARD QUAH
ASHWIN RAM
KEITH RIBBONS
MICKAEL RICIOTTI
ANTHONY RISPOLI
ZHIYANG RONG
KIM KRISTIN ROTTMANN
NILS RUISCH
DANIEL RYAN

MARTIN SACRAMENTO
THOMAS SALAMA
TOBY SANDERSON
DANIEL SCHICK
GINA PHOO HUI SHAN
ANTHONY SIEBEN
DOMENICK SIMPSON
JIRI SISKA
HANNAH SMITH
PERRY HYUN-WOO SOHN
DEREK STEVENSON
JEFFERY TAN
ROY TAN
HANTONG TANG
VINCENT TECHER
KIKI
JOHN TESKA
JOSEPH THOMAS MEKATUKULAM
LEE TIBBETTS
ANDRE TONG
ERIC TUNG
REETUJ TYAGI
NOOR VALIBHOY
MICHAEL VAN EPS
ALEJANDRO VELA-CASTRO
LUCA VITALI
MATHIEU WALSH
JEI WANG
ERIC WEBER
AIMEE WESTLEY
MARC WHITELAW
CHARLIE WILSON
DON WONG
DAVID WU
SIEW JIA YI
REBECCA HUNG HAN YUN
BALCIOGLU YUNUS

FARIQ SAID
ERICK SALAZAR
GUNTHER SCHATZ
DAVID SCHOTT
CHONG KIAN SHYANG
ARIEL FLORES SILVA
TAY CHIN SIONG
DAVID SKOREPA
VINCENT SNG
PETTER STEEN
MICHAEL KING SUTANTO
KEN TAN
THEOPHANE TAN
RENALD TAURUSDI
SEOW TAI TEE
ALEXANDER TEOH
CHARLIE TETLOW
JOSH THORNHILL
HERIYANTO TIO
WOO YING TONG
ALEXANDRA TURNER
MARIAN-SERBAN UNGUREANU
NICK VAN DIEM
TODD VAZIRI
ANDREA VINCENTI
DAVID VIVALDINI
STEVE WALTON
MENGDI WANG
SUNNY LI-HSIEN WEI
MIKE WHITE
CHRISTOPHER WHITTLE
ROBIN WITZSCHE
GILLES WOUTERS
PERRY YAP
CAN YUKSEL
CHEUK YUNG NG
ALEXANDRA ZYRINA

VFX Concept Artists

BIMPE ALLIU
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RUSSELL STORY

RICHARD ANDERSON
IGNATIA DEVY DWIASTUTI
EVAN WHITEFIELD

VFX Production Managers

UMAR HUSSAIN
SUHIT SAHA
PEARLYN YEO

BROOKE MASOTTI
KANE STEWART

VFX Line Producers

TOM AINGE-ROY
AMANDINE GUTIERREZ
ANNIE MACLEOD

JAKE DELANEY
ANNA MABARAK

Visual Effects Associate Production Manager

REBECCA EFROSMAN

VFX Production Coordinators

JULIANNE APPLETON
SAM BUSH
YAP SHE FONG
EVE HEASLIP
PATRICK JAMIESON
ELISA MONGIL GESTIDO
LAUREN NICHOL
LIVIA TENG
ALYSSA BLAKE
JAMES CHANTER
ELISE GONG
NEIL HUGHES
NICHOLAS LUM
KIMBERLY MUCHA
NORMA DE SOUZA
YEGOR TESLER

VFX Production Assistants

METTE BASSETT
JULIEN CORNWALL
SHARICE KEYES
SARAH-CAE LIM
SHELBY MADDOCK
FELICIA TAN
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MARCIA GILLESPIE
SHREYA KUMAR SARMA
STUART LORD
CATHERINE POSTLETHWAITE
GABRIELLA THURBIN

Production & Technical Support

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TEO SAY CHONG
SIMON DAVIES
GRANTLAND GEARS
EMILY HARRIS
PEI SAN KANG
MATT LEONARD
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MICHAEL NGUYEN
DANIEL O'GORMAN
CHENG PEI SHAN
DAVI STEIN
INDIANA WILSON
JESSICA CHAN
SELINA COX
KARIM ESSABHAI
BEN GRIMES
AKIRA HIYAMA
CHOW YEW KAY
LEE MCKEOWN
JENNIFER MUSGRAVE
TARAN NIJJAR
DUNCAN PARKS
BETTY SHAW
FLEUR WILLIS
PAIGE ZHANG XIAOCI

ILM Executive Staff

ROB BREDOW
KHUYEN DANG
SUE LYSTER
FRANCOIS CHARDAVOINE
JANET LEWIN
AMBER WONG

Medusa Facial Capture by
Industrial Light & Magic and Disney Research Studios

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LAURA MILLAR
CHRISTOPHER JOHNSTON
JAMIE SIMS

Visual Effects and Animation by
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SUE ROWE
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Compositing Supervisors . . . . . BRENNAN PREVATT
MORITZ EICHE
NATALIA DE LA GARZA
VFX Associate Producers . . . . . ZACHARY MALLETT
JULIA SMOLA
Visual Effects Producer . . . . . MARCUS GOODWIN
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MATTHEW NOVAK

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MARIE-PIER AVOINE
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AZADEH IRANBAN
CARLOS PATRICK DE LEON
ILKKA UITTO
JIM SU
LUKAS LEPICOVSKY
MATT BULLOCK
STEPHEN DAVIS

Visual Effects Leads & Production Management

ANDO AVILA
ARNAUD VANNESSON
BILL BRIDGES
BRENDAN ROGERS
CHRISTIAN KRATZERT
DEVAN MUSSATO
ESTHER YAP
FELIX WOLF
IVO KLAUS
JOCHEN CONRADT
JULIA MRUGALA
KEVIN MAINS
MELISSA OLSEN
TARKAN SARIM
WU CHIEN KEN LEE
ANDRÉ CABACO
BENNY ROSS
BJOERN LUBITZ
BRIAN GOSSART
CHRISTIAN WALENTIN
DIMITRI ANDEREGG
ETHAN HWANG
FRANZ SCHILLER
JENS SCHNEIDER
JOHANNES VOGL
KATHARINA HOFFMANN
KISHORE SINGH
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TOBIAS GERDTS
ZACHARIAH ZAUBI

Visual Effects Crew

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ADITYA THENRAJ
AHMED MOUSTAFA
ALEKSANDAR JOVANOVIC
ALEXANDER BOEHMER
ALI RIZVI
ALONSO BOCANEGRA
AMRISH SHARMA
ANDREA DONGO
ANDREA TATE
ANDREAS WEBER
ANDREW WINTERS
ANNA MEJUTO
ANNA MUDRAK
ASTRID TERESA BUSSER CASAS
AVIJIT DAS
BALAMURUGAN R
BENJAMIN LEPINE
BJOERN WORTMANN
BOON HOE LAW
CARLOS DONIS LEMUS
CARSTEN SCHULTE-BRAUCKS
CHI HO CHAN
CHIH-WEN (JASON) HUANG
CHRIS GODZIK
CHRIS SOLON
AARON DENNIS
ABIN THOMAS
ADITYA MENON
ADRIAN LIEDKE
ALARICH ALVAREZ MAHL
ALEX HISLOP
ALEXEY VASILYEV
ALISHA STEINBERGER
ALVARO GASCO
ANDEW MILLS
ANDREA KRUPP
ANDREAS VRHOVSEK
ANDREW HUTCHINSON
ANKITA AGRAWAL
ANNA MIMI JAYSON
ARTHUR NA
AUGUSTO LOMBARDI
BALAJI G
BASTIAN WARTENBERG
BHAKIARAJ
BLAIR WERSCHLER
BOYCE HUANG
CAROLINA JIMENEZ GARCIA
CHANGMIN HAN
CHIEN-CHIA HUANG
CHING-KAI YEN
CHRIS OLIVAS
CHRISTIAN POKORNY

CHRISTOF REISENEGGER
CHRISTOPHER WHITTLE
CLAAS HENKE
COBOL YU
CONOR JOSEPH NOLAN
CONSTANTIN VON ZITZEWITZ
CRISTIAN CID
DAMIEN GARRIGUE
DANIEL GONEN
DANIEL WEISS
DANIELE MIELI
DAVID CANAS
DAVID YIU CHUNG MAN
DHANANJAYA
DINESH LAYEK
EDWIN NIRMAL RAJ
ELISA-ANN DION
ERIC MOLINER FULLA
FLORIAN KOEBISCH
FRANCISCA PIMENTEL
FRANCISCO TEJO
GABRIEL CHIFOR
GABRIELA PRUSZKOWSKA
GOKUL HARISH
GUY PENWILL
HANS TETZLOFF
HENRY JEFFERSON
HETAL JAIN
IRINA TSOY
JADE GHALI
JAISAEN
JASON HENREY
JEREMY YEOKHOO
JINGLONG WU
JP FELIPE
JULIEN ROY
JUNAIS HAMZA
KARLA ODEMARIS BURGOS ROCHA
KARTHIK G
KENNETH CHUA
KIN YIU
KISHOR NANJUNDAPPA KORBINIAN MEIER
LAURA REMLER
LOUIS MORISSET
LUKAS BRANDTNER
MANOBALAN D A
MANUEL BRUDER
MARCO ENGELMANN SANTOS
MARIUS WITTIG
MARQUE PIERRE SONDERGAARD
MARTIN MIROLA
MATEO ANDRIJANIC
MATTEO SALA
MATTHIAS SCHOENEGGER
MAXIME-OLIVIER BOUCHARD
MICHA BOSTRUM
MIKE HSU
MIREU EEM
MONA LISA ALI
MUHAMMED AJMAL
CHRISTOPH SCHINKO
CHUN CHUN YANG
CLÉMENTINE DUPONT
COLIN NICHOLAS RILEY
CONOR SCHOCK
CORINNE TEO
CURTIS WILLIS
DANGKHAM TAKHA
DANIEL HANEUL KWON
DANIELA URBINA MENDOZA
DANNY TURNER
DAVID MICHIELSEN
DEOKMUN JEONG
DIANA YEWON KIM
DONG KYU KIM
ELENA VALLVERDU PAGES
ENRICO FIORETTI
EUNYOUNG KIM
FRANCESCO NEVI
FRANCISCO PAIOES
FREDERIC DIERSTEIN
GABRIEL ESCOBAR
GASTON ANTOS
GRAHAM CRISTIE
HANEUM KIM
HARISH PAWAR
HESHAM TAWFIK
HUBERT R
ISMAEL ALABADO RODRIGUEZ
JAESANG JEONG
JAMES STEVENSON
JAYAKANTH V
JESSICA CLIFTON
JONATHAN HERMAND
JUBEY JOSE
JULIETTE DUNCAN
JUSTIN WONG
KARPAGARAJA MADAPURI
KEESU PARK
KHANTISAN
KIRO BIYE
KURTIS DAWE
LENNARD SCHMIDT
LUIGI DURANTI
MANIKANDAN
MANOJ NAGARAJ
MARCO CAPELLAZZI
MAREIKE JANIK
MARKUS BOOS
MARTIN CHABANNES
MASAKAZU MURAKAMI
MATT SPENCE
MATTHIAS SCHIEMANN
MAXIME BÉLIVEAU
MELANIE WELDON
MICHAEL PETER
MIKHAIL MAMEDOV
MOHAN A
MONGKOLSAOSUK
MYLES MCNEIL
NADIA VOLODINA
NAGESH GOWDA
NICHOLAS HOGAN
NICOLE SITANSKI
NIKHIL DESHMUKH
NITIN KRISHNA
OSCAR SHEIKH
PABLOVSKY RAMOS-NIEVES
PANYAWIPAK
PETER DUDLEY
PRABHU DASS
PRASANNA N
PROMSAKOL
RAJ KAMAL
RAJESH SUNDAR
RANDY UI
ROBERT DIAZ
ROBIN S MANGAT
RODRIGO THUERLER
SABRINA NUNES
SAMIRA ESMAEILI
SANTANU BERA
SARAH CHANG
SASCHA GEDDERT
SATYAJIT RAUL
SEAN KOBUS
SEBIN SAJI
SIMON IRVINE
SINDY SAALFELD
SOLHEE LEE
SOUMITRA BISAI
SRIKANTH S
STEPHEN CLARK
SURESH V
SYLVIA KRATZSCH
SZILARD SZLAKO
TANAKITJUMROON
TANSEER AHMED
TERRY THOMPSON
THOMAS LEFEVRE
TIM KLINK
TONG ZHOU
TOYOTAKA KURODA
UDHAYARAJ K
VIKAS GANER
WACYL DJENDER
WEERAPOT CHAOMAN
WENDY J. HULBERT
WOLFGANG HAAS
YANNICK LORVO
YERI ISUNZA-CASANOVA
YOUNGBIN EUN
YUSONG LEE
YVES D'INCAU
ZORAN KAZIC
NAGAVIJAY E
NEIL RUSSELL TAN
NICOLAS GAUTHIER
NIGEL ANKERS
NIRMAL KUMAR
OLIVIER JEZEQUEL
OURANIA MOURTA
PANNEERSELVAM ARUNACHALAM
PATRICK REDMOND
PIOTR GRABARCZYK
PRAMOD BASAVARAJU
PREMPREE
RACHEL TAY
RAJASEKHAR PETTA
RAMESH JAYARAMAN
REVANTH J
ROBERTO ZARAGOZA GASCON
RODOLFO KÜSTER DE ABREU
RON SCHREMS
SAGAR REDDY
SANDRO HENRIQUES
SANTHOSH V
SARAH NEVEU
SATHIYASEELAN
SEAN DSOUZA
SEBASTIAN KUECHMEISTER
SHANE COOK
SIMON LECLAIR
SKEEL LEE
SOOMIN CHON
SREERAMA MURTHY
STEPHANIE FERREIRA
STEVE JUBINVILLE
SYLVAIN DUROYON
SYLVIE BAILLARGEON
TACHAIPIBOON
TANANUCH PHOSRI
TERRAN CAMACLANG
THIAGO PAULINO
TILO SPALKE
NORA DOMMER
TOSH ELLIOTT
TRILOK SINGH KACHHAWA
UIRA L'AMOUR
VISWANATHASELVAN M
WALID MOUAWAD
WENDI 'HARRIS' WU
WISETSUKPRAMOT
YANICK BOURGIE
YASHASVI LINGUTLA
YONG JIN KIMM
YU-JU CHEN
YVAN NGNODJOM
YVES RUPRECHT

Visual Effects Production Staff, Facility Support, and Technical Support

ALEXANDRA IVCHENKO
AMULYA NAGARDONE
ANGELIKA SCHWEITZER
ANGELINA KRYVOSHEYINA
ANN-MARIE BLOMMAERT
ASIM ZAIDI
AUSTIN CLARK
BARBARA DOBROVITZ
CARLOS DITERSA
CEDRIC BAZILLOU
CHAN-IL PARK
CHIARA BAGNOLI
CHRISTIAN BURGGRAF
DANIEL KHEN
EDEN AN
EDWARD HANRAHAN
EMIL ROSENBERGER
GRETEL NG
HOWARD YAN
IAN SMITH
ISAAC LIPSTADT
IVAN MICKOVIC
JAKE EFTHYMIOU
JANIE NGUYEN
JONAH MICHAUD
JOSHUA ROBERTSON
JUDE AKPAN
JULIETTE LEMAIRE
JUSTIN LEE
JUSTIN SARBER
LASZLO SEBO
LAURENT HAMERY
LEAH TRINEER
MANON LE BAS
MAUDE POIRIER-CARON
MAXX LEE
MICHAEL LOEFFLER
MIGGEL HUARD
MITTAL CHANDRA
RIKKE GJERLØV HANSEN
SANGEETH MOHAN
THOMAS DANE WAGENER
TIM CATALANO
TZUNG-DA TSAI
V.J. KANHAI
VAN LE DO
VANESSA GRAY
VIC SIMIELE
VISHISHTH KUMAR
WESLEY LEE

Scanline VFX Senior Production Management

STEPHAN TROJANKSY
SCOTT MILLER
JASMIN HASEL
JOEL MENDIAS
CINDY KHOO
LAUREN MCCALLUM
HARRY MUKHOPADHYAY
NICK CREW
ADAM PETRIE

Visual Effects and Animation by LUMA

Luma Executive Producer ..... SHAUNA BRYAN
VFX Supervisor ..... OLIVIER DUMONT
Senior VFX Producer ..... MICHAEL PERDEW
DFX Supervisor ..... DAN COBBETT
CG Supervisors ..... ALEX KHAN
NATE SHAW
AMIR WAHID ELESWY
Character Supervisor ..... MATHIEU AERNI
Compositing Supervisor ..... ADAM HAMMOND
FX Supervisor ..... WAYNE HOLLINGSWORTH
Senior VFX Supervisor ..... VINCE CIRELLI
Animation Supervisor ..... RAPHAEL DE ALMEIDA PIMENTEL
VFX Producer ..... CATHERINE HUGHES
DFX Supervisor ..... JUSTIN JOHNSON
Asset Supervisor ..... SAMUEL JENSEN
Character TD Supervisor ..... THANAPOOM SIRIPOPUNGUL
FX Supervisor ..... ADAM GAILEY
Digital Production Manager ..... TIMOTHY BOND
Lead Digital Coordinator ..... SHELDON NEILL
Luma Bidding Producer ..... KATRYNA SHATTUCK

Production Management Team

CAROLYN MANNING
DAYANG NORRAFIDA
ELENA SELINA
JAYMES RUFFIN
JENNIFER ALAVEZ
JEREMY ERB
JOSHUA HACKETT
KIARA WALKER
MATTHEW PICKERING
MIKE BUSH
SHELDON NEILL
SUPREETHA MURTHY
VICTORIA HETHERINGTON

Lead VFX Artists

BILLY DAO
BRIAN BROUSSARD
DOMINIC FRANCIS
DULSHAN KERAGALA
EDDIE PORTER
JACOB SANTAMARIA
JOE CENSOPLANO
JUSTIN BRUNETT
MARCOS D. ROMERO
MATTHEW STOYAKOVICH
MICHAEL NORTH
MICHAEL YATES
NGAN CHUNG
STEFANO GIORGETTI
VASILIS PAZIONIS

VFX Artists

ALEJANDRO SOLORAZNO
ALEXANDER JENNINGS
AMBROSE MCDUFFY
AMMAN BAINS
ANDREW ADAMS
ARCHIE DOWELL
AZRA ALKAN
BELINDA CHEN
BEN ANDERSEN
BENJAMIN KAY
BLAKE SALA
BRADFORD MAUGHAN
BRANDON KACHEL
CAMERON SORGI
CARLY CHEUNG
CHARLES MORHAIN
CHRISTIAN PECK
CONSTANTIN VILSMEIER
DAHYUN BEAK
DAMIEN ENGLAND
DANIEL EDERY
DANIEL FINNEGAN
DANIEL PEREZ
DAVID CANAS RIVAS
DIAMOND WHEELER
DIVYA VIJAY
D.J. VALDEZ BECERRAL
DUSTIN CUMMING
EMMANUELE DIOTTI
ERIC HOLLANDS
FABRICIO CHAMON
FRANCESCA MILDE
GIAN IGNACIO LOMBARDI
GREGOIRE DEHAME
HADI DAHER
HONGHAO ZHU
HUGO LYRA
HUNTER WILLIAMS
HYUNJUN CHEONG
IAN LADE
IVY YI-HSUAN WU
JACEK IRZYKOWSKI
JACKIE CAI
JAKE SANDERCOCK-BROWN
JAMES FETTER
JAMIE GERMAN
JAMIE O'HARA
JASON YANOFSKY
JASPER MCINTYRE
JEANNIE HUYNH
JENNIFER THOMPSON
JIMMY ROGERS
JOHN CASTILLO
JORDON GONZALES
JOSE LOPEZ
JOSH WOOD
JOSHUA HARRISON
JULIANNE HOLZSCHUH
JUN WATANABE
KARL ROGOVIN
KATYA RUSLANOVA
KEVIN FU
KEVIN WEI
KITTITUS KIT CHINATIWORN
KYE WEIN-SKEATES
KYOUNGSOO MIN
LEE ZHU
LENNY GORDON
LILY MORGAN
MARIA CRISTINA GUTIRREZ C.
MARIO CORTEZ
MARTIN NREKIC
MATT BACON
MATTEO PETRICONE
MATTHEW ENG
MEAGAN CHANCELLOR
MEAGAN GREEN
MIKI SHARLET
MITUL PATEL
MONICA VERDU

NATHANIEL SAUNDERS
NEIL JIANORAN
NICHOLAS GLASSON
OLIVER PEDERSEN
PATRICK O'CONNOR
PETER ZHAOYU ZHOU
QUIMET DELGADO
ROSS NOVAK
SAM SALEK
SASHA SAZANOVICH
SCHILLER JEAN-LOUIS
SHANE CHAMBERS
SHAOZHOU CUI
SOPHIE NOEL
TARAH HIEMES
TAYLOR MUHOBERAC
TIM ALLISON
TONY YIU KEUNG MAN
WILLIAM MORRISON
YIWEN LING
YUNG-SHENG TSENG
NATHAN JENNINGS
NICHOLAS CAMPBELL
NILS MATTSSON
PATRICK CASHEL
PETER LEE
PHILLIP BERG
ROLAND YEPEZ
RYAN COATES
SAMUEL GONON
SAURABH TRIPATHI
SERHII YURSKYI
SHANE MIRANDA
SICHEN ZHANG
SUYOG PORE
TAYLOR COOK
TIFFANY WANG
TOM NEMETH
WILL MOODY
YEN CHIA TSENG
YONGKYU KIM
ZAC WILLEY

Visual Effects by
RISE VISUAL EFFECTS STUDIOS

VFX Supervisor ..... MICHAEL WORTMANN
2D Supervisor .....RAYK SCHROEDER
3D Supervisor .....CRISTIANO CESOLARI
Visual Development .....MARKUS DEGEN
OLIVER SCHULZ
Production Manager .....JOSEPHINE ROSS
VFX Coordinators ..... KATRI VANHATALO
ANNE BARGER
BELEN HEYDT
Rise Executive VFX Producer..... FLORIAN GELLINGER

Matchmove Artists..... ANDREAS SCHULZ
DAVID MOSER
ROMAIN SONTAG
MICHAEL HUBER
Mattepainting Artists ..... MARTIN HOEHNLE
GUILLERMO PAZ
FX Department .....PHILIP BALLINGER
SEBASTIAN GASPAR
KORBINIAN HOPFNER
NORI RHEE
VFX Editorial..... LAURETTE EL-ALAM

3D Department

DANIEL BLOECHER
DENNIS GRONAU
OLIVER MARKOWSKI
NANDO STILLE
LARISSA VAN CRAENENBROECK
BERNHARD ESPERESTER
JOHANNES LUMER
DAVID SALAMON
SERCAN TOPALOGLU
KARIN WOLF

Animation

DAVID HALL
ANDRES BONELLI
HIEU NGUYEN
THORSTEN SCHULZ
STEFFI SCHEIL
TAL HERSHKOVICH
JAN ROTH

Compositing Department

IVAYLO ANDONOV
KONSTANTIN BORCHERT
LINUS BURGHARDT
ULISSE DICKMANN
ANTON GRAEVEN
DANIEL HARTLEHNERT
TIM HILLEBRAND
OLIVER HOHN
LUKAS LOEFFLER
JONATHAN NORDLOFF
ERIC RAVENSTEIN
ERIK SCHNEIDER
VIT SEDLACEK
NIEL SCHORFIELD
ANDRIJA TRICKOVIC
NICOLAS VALENTE
BA LINH VU
JANNIK WALZER
KADER BAGLI
LAURA BUCCINNA
TIAGO CABRITA
EBRU GOENUEL
GRZEGORZ GRODZICKI
CHRISTOPH HASCHE
KEN HOFFMANN
MICHAEL LANKES
NATALIE MEFFERT
EMIL PFEIFFER
ALEXANDER RUMPF
ZSOLT SEBOK
JOERG SCHMIDT
KIAN TAVASOLI
DOMINIK TROTTIER
UTE VOLLMANN
CHARLIE WAGNER
CHRISTIAN WUNSCH

Pipeline Department

SEBASTIAN ELSNER
KOLJA HUEBSCHMANN
SIMON OHLER
ABRAHAM SCHNEIDER
PAUL SCHWEIZER
FALK HOFMANN
STEFAN JAEHNER
LUCA SCHELLER
YANNIC SCHOOF
ALEXANDER WLK

IT

KRIS BIERINGA
TOMASZ HERBST
JARI KOSKI
RAPHAEL SCHINKOETH
FLORIAN WISCHER
JONAS HEINIG
JAN GRUNDMANN
JANA REXHAUSEN
JOHANNES VOGT-REIMUTH

Human Resources Department .....MARIAN DOBRUNZ
HEIKE FEKONJA
NADINE HEINZ
MATTHIAS KAUMANNS
CONSTANDINA ILIOPOULOS
Office Management.....JULIA BOLDT
ANTONIA BLEY
MARTIN ROETHER
INA REXHAUSEN

Additional Visual Effects by
FUTUREDELUXE

Head of Creative .....ANDREW JONES
Creative Lead ..... ANT BAENA
Design Lead ..... BRYANT NICHOLS
VFX Lead .....DAVE WEBSTER
Designers/VFX Artists ..... BRYAN COLEMAN
JOSH HATTON

Additional Visual Effects by
PERCEPTION

Co-Founders.....DANNY GONZALEZ
JEREMY LASKY
Head of Operations ..... KRIS BARONE

Chief Creative . . . . . JOHN LEPORE
VFX Supervisor . . . . . DOUG APPLETON
Art Supervisor . . . . . RYAN CLOSE

Perception Senior Producer . . . . . ERIC DALY
Lead Artist . . . . . DAVID WAVE

Additional Visual Effects by
LOLA VISUAL EFFECTS

VFX Supervisor . . . . . JEREMIAH SWEENEY
VFX Compositing Supervisor . . . . . EDSON WILLIAMS
VFX Editor . . . . . JOHN POLYSON
VFX Coordinator . . . . . KATHARINE MEADOWS
VFX Producer . . . . . THOMAS NITTMANN
VFX Executive Producer . . . . . ALLISON GLENNON

Digital Artists

DAVID MICHAELS
JEFF PENICK
LEE MAR
SCOTT BALKCOM
SUN LEE

Additional Visual Effects by
STEREO D

Additional Visual Effects and Main Titles by
METHOD STUDIOS

Creative Lead . . . . . JOHN LIKENS
Art Director . . . . . WESLEY EBELHAR
VFX Supervisor . . . . . IVAN GUERRERO
CG Supervisor . . . . . BRIAN DINOTO
FX Supervisor . . . . . TOMAS SLANCIK
Method Executive Producer . . . . . ADRIENNE MITCHELL
Method Senior Design Producer . . . . . EMILY SCHAEBERLE
VFX Coordinators . . . . . KYLE FADER
NATALIA ZSHOLOBCHUK
NICO JOHNSON

VFX Artists

DAVID DERWIN
SAMUEL CIVIDANIS
DA KIM
ANA SOFIA DE ALMEIDA PEREIRA
KERI MOLLER
IVAN GIRARD
CLAIRE CHANG
FRANK FIESER

End Crawl by
EXCEPTIONAL MINDS

Studio Manager . . . . . JENNIFER GIANDALONE
Title Supervisor . . . . . TABANSI KUFAHAMU
Lead Artist . . . . . THOMAS HARMONSON
Artists . . . . . ISAIAH STRUM
DAVID MILES

Character Scanning and Lidar by
CLEAR ANGLE STUDIOS

JACK COWLEY-ELLIS
NIALL HARTY
JORDAN FISHER
NIKK GOTTHARDT-MILLS
ALEX WALKLATE
JON GOWER
MARCO LEE

Additional Scanning and Lidar by

THE SCAN TRUCK
FOX VFX LABS
ILM MEDUSA
LIDAR GUYS
DOROTHY
GOODBYE KANSAS

Post-Production Sound Services by
SKYWALKER SOUND
A Lucasfilm Ltd. Company – Marin County, California

Additional Supervising Sound Editor . . . . BJØRN OLE SCHROEDER
Sound Designers . . . . . DAVID FARMER
TIM NIELSEN
ADDISON TEAGUE

Sound Effects Editors

LEE GILMORE
JOSH GOLD
DAVID C. HUGHES
GOEUN LEE EVERETT
SAMSON NESLUND
KIMBERLY PATRICK
PASCAL GARNEAU

Dialogue/ADR Editors . . . . . JACOB RIEHLE
CHRIS GRIDLEY
Dialogue Editors . . . . . CHERYL NARDI
KIM FOSCATO
Foley Supervisor . . . . . CHRISTOPHER FLICK
Foley Editors . . . . . COYA ELLIOTT
CHRIS FRAZIER
Foley Artists . . . . . RONNI BROWN
JANA VANCE
Foley Mixer . . . . . RICHARD DUARTE
First Assistant Sound Editors . . . . . LYNN SABLE
GREG PETERSON
Assistant Sound Editor . . . . . COLIN ANDREW GRANT
Additional Re-Recording Mixer . . . . . JEFF KING
Assistant Re-Recording Mixer . . . . . DANIELLE ADAMS
Engineering Services . . . . . BRIAN LONG
Digital Editorial Support . . . . . IVAN PIESH
DAVID PEIFER
IT Engineer . . . . . EDGAR MEZA
Post-Production Sound Accountant . . . . . DANIELA PONTORIERO
Head of Production Finance & Planning . . . . . MIKE PETERS
Client Services . . . . . EVA PORTER
Scheduling . . . . . CARRIE PERRY
Head of Engineering . . . . . STEVE MORRIS
Head of Production . . . . . JON NULL
General Manager . . . . . JOSH LOWDEN

Color and Finish by
COMPANY 3

Finishing Artists . . . . . JARED PECHT
ADAM NAZARENKO
CHARLES BUNNAG
Color Assistants . . . . . ZACHARY KORPI
MICHAEL OCHOA
DOUGLAS YABLUN
Head of Engineering . . . . . GARY BALIAN
Senior Finishing Producer . . . . . LAURA HOLEMAN
Associate Finishing Producer . . . . . TATIANNA KROHA
Senior Finishing Editors . . . . . PAUL CARLIN
CHAD SCHERMERHORN
Digital Delivery Associate Producer . . . . . JESSICA DUNN

Digital Delivery Technician ..... DAVID RENTERIA
Finishing Accountant .....CASSANDRA HOWLAND

DI Technologist ..... MIKE CHIADO
Image Scientists ..... DR. JOHN QUARTEL
EMILY FAW
Operations ..... ALEXA LOWNDES
VP Production .....NICK MONTON
Pipeline Development ..... STEVEN PARKER
TIMOTHY CHAROUK
Executive Producer for Company 3 .....STEFAN SONNENFELD

3D Conversion by
STEREO D

Stereo Producer.....RYAN FISK
Stereo Production Supervisor ..... ELLIESSE CUNIFF
COO & MD..... PRAFULL GADE
Stereo D Head of Production .....FRANKLIN MASCARENHAS
Stereo D Line Producers.....REBECCA KRAMP
R. PARTHASARATHY
Roto Department Manager..... TIFFANY TALMAGE
Senior Production Coordinator .....STEPHANIE PHIRE SIDDIQUE
Editor.....DAVE WATRO
Senior Software Developer..... MICHAEL MCCARTNEY
Pipeline TD .....THOMAS HALEY-HERMIZ IV
Ingest Coordinator.....AIDAN WAUGH
Systems Administrator ..... JAEHREL MAR USITA MOJICA
Assistant Technical Lead..... SOURAJIT BHATTACHARYA
Assistant Admin ..... KRISHNA SHIVAJI GAIKWAD
Stereographer .....JASON BOMSTEIN
Stereo Supervisor..... HOLLY GUNN
Creative Supervisor .....TANMOY GUPTA
Senior Supervisor–
Finaling & VFX ..... THAILRAJU SHRI BINDHU MADHAV
Stereo D Assistant
Line Producers..... AMOD RATNAKUMAR DIWAKAR
GURUCHARAN PRAKASH KIRTIWAR
Element QC Manager .....GUY GONSALVES
Element QC..... DUSTIN HAYES
TERRY KLOPFENSTEIN

VFX Augmentation..... ALEX HEFFNER
JEREMY LASALA
SHIV KUMARESH
DONG GUO
VP Information Technology..... SUJITKUMAR GANPAT SHIRKAR
Deputy HR Manager ..... RAJENDRA DATTATRAYA AHIRE
QA Coordinator.....JYOTI RANJAN SARANGI
Transport Coordinator .....PRASHANT SIDDHARTH GAIKWAD
Senior Render Wrangler..... KAMLESH VASANT CHALKAR

Production Coordinators

AMMU DEEPIKA SESHAGIRI
SURESH KUMAR TIWARI
ADAM DODD
VISHAL JAGDISH AWAGHAD
MAYUR DADARAO ADHAU

Depth Leads

MARK MCCORMACK-DOUGLAS
ANASTASIA WATSON
DEBAYAN HALDER
JEREMIAH FINN
ARUNISH AJAY
AARON BEYER
BIRENDRA PRATAP SINGH
DHIRAJ HAZARIKA
SHRIKANT GALGATE
SUMAN DAFADAR

Depth Department

VIKAS TULSIANI
VIVEKANAND H. SURYAVANSHI
JEREMY FISHER
JARRET MARSHALL
NICOLE CAMBELL
ANDREW DIAS
KEN JUSTO
SANDEEP ASHOK PATIL
DNYANESHWAR B. PATIL
ERIC TIMM
ASHISH SING HEER
MATTHEW GASKIN
KHAN XIONG
CARLOS SANTOS
RAYMOND TRIMM

Finaling Leads

COREY ALLEN
SANFORD WARWICK
AMOL TUKARAM NANAWARE
DEREK TRACY
LIAM MEAKINS

Finaling Department

ROHIT SURESH
JACOB YORKE
AKASH RAMESH SUTAR
BALJEET SINGH
VINAY SUHAS PANDIT
PETER DOROSZ
JOHN TREMBLAY
IEVA CERPS
RAGHAVI ARYA THOTA
RACHEL COPELAND
JORDAN LUCCHINO
PAUL RUIZ
MILIND ASHOK BHAVSAR
SHYAMAL BHATTACHARYA
RAHUL KAPOOR
GAURAV GIRI
JEREMY PATTERSON
VINCENT RISTUCCIA
MICHAEL FLATT
SERAFIN SANTOS
CHRISTIAN LINKER
ALDO ALDANA
ABDUL TUNIO

Roto Department

RAJESH NIMJE
OMPRAKASH
SNEHA SURESH CHANSHETTI
MONALI KUMARI
VINOD KUMAR KURCHANIYA
SATYENDRA SINGH
HITENDRA KUMAR
SANJEET PRASAD
ANUP SINGH RAWAT
SUPRIYA BARANWAL
SUNIL SAIDU GORE

3D Conversion by
LEGEND 3D

Senior Stereo Supervisor ..... SIMON KERN
Stereo Supervisor .....PRATEEK KAUSHAL
Legend 3D Senior Producer ..... CAPRICE PAXTON
Legend 3D Line Producer..... MONALISA BHATTACHARYA
Production Manager .....RAPHAEL OSEGUERA
Production Coordinator ..... AMANDA TOAN
Roto Supervisor.....KRUNAL TADSE
Lead I/O Technician ..... CHETAN SATPUTE
Editorial .....ASHISH MISHRA
Depth Supervisor ..... MUKESH SINGH
Systems Administrator ..... PRAVIN BHALEKAR
Compositing Supervisor.....SANTOSH KATKAR
Assistant Compositing Supervisor ..... VIVEK SHELKE

Pipeline TD ..... NARENDRA SINGH
Paint Supervisor ..... SHAILESH DHAWADE
Assistant Paint Supervisor ..... SANDIP NIKAM
Roto Team Leads ..... VISHAL MAHAJAN
AMIT THAKUR
RAKESH DEVARKONDA
Depth Team Leads ..... SUMIT SHEWALE
RAHUL RAJESHWARI
Compositing Team Leads ..... NARESH DHUMALE
VAIBHAV GADGE
Paint Team Leads ..... ABHIRAJ NAIK
SANTOSH KADAM

ADR Recorded at
THE WALT DISNEY COMPANY – Burbank, California

ADR Mixer ..... DOC KANE
ADR Recordists ..... BRETT VOSS
JEANNETTE BROWNING
Re-Recording Mix Technicians ..... DOUGLAS PARKER
ERIC FLICKINGER
Re-Recording Engineers ..... ANDY WINDERBAUM
RYAN STERN
MARK LINDAUER
DAN ABRAMS
DANIEL TAPPAN

Additional ADR by
GOLDCREST POST PRODUCTION
BLUE ROOM POST
IGLOO MUSIC
GOODBYE KANSAS
SMART POST SOUND ATL

Digital Dailies provided by
TECHNICOLOR

Dailies Colorist ..... DAVE LEE
Dailies Operators ..... CHARBEL BOU-ANTOUN
CHRIS ARMSTRONG
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Orchestrators ..... STEPHEN COLEMAN
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IAN BURDGE
MARTIN BURGESS
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GEORGE COOK
SARA DAVEY
JOANNA FORBES L'ESTRANGE
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SUMUDU JAYATILAKA
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TIME
Written by Roger Waters, David Gilmour,
Richard Wright, and Nicholas Mason
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SUGARFOOT
Written by Joseph Lewis
Performed by Black Joe Lewis and The Honeybears
Courtesy of Mercury Nashville Records
under license from Universal Music Enterprises

STAY IN THE GROOVE PT. 1
Written by Rickey Calloway and Gabriel Roth
Performed by Rickey Calloway and the Dap-Kings
Courtesy of Kay-Dee Records and Henry Stone Music USA
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LOSING YOU
Written by Pierre Havet, Jean Gatson Renard, and Carl Sigman

NACH MERA HERO
Written by Francesca Richard, Celina Sharma, Daniel Stephenson,
Vishal Patel, Nana Rogues, Sara Strudwick, and Tremain Sandhu
Produced by Nana Rogues and Tremaine J
Performed by Celina Sharma

FRIENDS
Written by Ho Weon Kang, Jimin Park, Soo Hyun Park,
Dong Hyuk Shin, Martin Sjølie, and Sung Eun Jang
Performed by BTS
Courtesy of HYBE Co., Ltd.
by arrangement with The Orchard

LEND ME YOUR COMB
Written by Ben Weisman, Kay Twomey, and Fred Wise
Performed by Carl Perkins
Courtesy of Sun Records
by arrangement with Sugaroo!

MAMA TRIED
Written and Performed by Merle Haggard
Courtesy of Capitol Records Nashville
under license from Universal Music Enterprises

JUICE
Written by Lizzo, Eric Frederic, Theron Thomas,
Sean Small, and Sam Sumser
Performed by Lizzo
Courtesy of Atlantic Recording Corp.
by arrangement with Warner Music Group Film & TV Licensing

HAPPY CHILDREN
Written by Harry Bluestone and Emil Cadkin
Courtesy of Warner Chappell Production Music

GRACEFUL NATURE
Written by Stuart Roslyn
Courtesy of Warner Chappell Production Music

THE END OF THE WORLD
Written by Arthur Kent and Sylvia Dee
Performed by Skeeter Davis
Courtesy of RCA Records Nashville
by arrangement with Sony Music Entertainment

BRANDENBURG CONCERTO NO. 5 IN D MAJOR 2ND MOV. AFFETTUOSO
Composed by Johann Sebastian Bach
Arranged by Cornelius Oberhauser and Ferdinand Oberhauser
Courtesy of APM Music

PRELUDE IN G MAJOR, BWV 902, NO.1A
Composed by Johann Sebastian Bach
Arranged and Performed by Dory Bavarsky
Courtesy of Black Toast Music

FEELS LIKE THE FIRST TIME
Written by Michael L. Jones
Performed by Foreigner
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ETERNALS WILL RETURN

***"We have watched and guided. We have helped them progress and seen them accomplish wonders. Throughout the years, we have never interfered. Until now."*— Ajak**

Marvel Studios presents "Eternals," the 26th movie in the Marvel Cinematic Universe and an all-new adventure introducing 10 Super Heroes never seen before on screen..

"Eternals" follows a group of heroes from beyond the stars who had protected the Earth since the dawn of man. When monstrous creatures called the Deviants, long thought lost to history, mysteriously return, the Eternals are forced to reunite in order to defend humanity once again.

"'Eternals' is an epic, sweeping, multi-millennial-spanning story with a diverse team of ten Super Heroes that we are excited to introduce to the world," says producer Kevin Feige. "Though it continues the tradition of the MCU, the film also breaks new ground and is a precursor for what the future of the MCU holds."

Marvel Studios' "Eternals" stars Gemma Chan (Marvel Studios' "Captain Marvel," "Crazy Rich Asians"); Richard Madden ("Rocketman," "The Bodyguard"); Kumail Nanjiani ("Silicon Valley," "The Big Sick"); Lia McHugh ("The Lodge"); Brian Tyree Henry ("Atlanta," "Widows"); Lauren Ridloff ("The Walking Dead," "Wonderstruck"); Barry Keoghan ("American Animals," "Dunkirk"); Don Lee (Ma Dong-Seok) ("The Gangster, The Cop, The Devil," "Train to Busan"); with Kit Harington ("Game of Thrones," "Gunpowder"); with Salma Hayek ("Like a Boss," "The Hitman's Wife's Bodyguard"); and Academy Award®–winner Angelina Jolie ("Those Who Wish Me Dead," "Maleficent").

The film is produced by Kevin Feige and Nate Moore, and directed by Chloé Zhao, who won this year's best director Academy Award® for "Nomadland." Louis D'Esposito, Victoria Alonso and Kevin de la Noy are the executive producers. The screenplay is written by Chloé Zhao and Chloé Zhao & Patrick Burleigh and Ryan Firpo & Kaz Firpo, from a screen story by Ryan Firpo & Kaz Firpo.

Director Zhao's creative team includes director of photography Ben Davis (Marvel Studios' "Captain Marvel," "Doctor Strange"); production designer Eve Stewart ("The Danish Girl," "Les Misérables"); costume designer Sammy Sheldon Differ (Marvel Studios' "Ant-Man," "Jurassic World: Fallen Kingdom"); editors Dylan Tichenor, ACE ("There Will Be Blood," "Zero Dark Thirty") and Craig Wood, ACE ("Maleficent: Mistress of Evil," Marvel Studios' "Ant-Man and The Wasp"); visual effects supervisor Stephane Ceretti (Marvel Studios' "Ant-Man and The Wasp," "Doctor Strange"); visual effects producer Susan Pickett (Marvel Studios' "Ant-Man and The Wasp," "Doctor Strange"); special effects supervisor Neil Corbould ("Mission: Impossible - Fallout," "Rogue One: A Star Wars Story"); composer Ramin Djawadi ("Game of Thrones," Marvel Studios' "Iron Man"); and hair and makeup designer Frances Hannon ("Jurassic World: Fallen Kingdom," "The Grand Budapest Hotel").

Marvel Studios' "Eternals" opens in U.S. theaters on November 5th.

THE DIRECTOR

Marvel Studios always actively seeks to work with filmmakers who inspire them and have vision and enthusiasm for the project. For "Eternals," they chose to work with Chloé Zhao, a talented Chinese filmmaker known for her Academy Award®–winning film "Nomadland," and her other two independent films "The Rider" and "Songs My Brothers Taught Me," both of which featured lead performances from non-actors.

Nate Moore, who is a producer along with Kevin Feige, comments, "Chloé is a rare filmmaker who is as adroit with finding real human moments as she is crafting and delivering heady science fiction. We were so excited to see her work with the 'Eternals" cast. She captured those special moments that give the MCU films heart and believability, and allowed each of the ten Eternals to have a distinct voice and presence. And she's not afraid to embrace offbeat humor at unexpected times, which informed the tone of the film. Her vision and passion for the project are unmatched."

Adds Moore, "The scope of the film would be daunting for most filmmakers, but Chloé's eye for detail combined with her enthusiasm for pushing the envelope visually has given 'Eternals' a palette all its own, both from a practical locations perspective and how the visual effects in the film are expressed."

Joining the MCU and taking the helm of a huge movie on the scale of "Eternals" was a welcomed challenge for Zhao, who has always been a Marvel fan. "The MCU is full of heart—a world filled with great characters and epic adventures," she says. "It's made by people who truly love storytelling and have immense respect for their fans. I came into the process as a filmmaker and also as a fan. To be able to make a standalone movie, but also to celebrate what came before us, to expand the mythology and to shape the future of the MCU, was an exciting challenge and an honor to be a part of."

"Chloé Zhao came in with a great pitch," says Kevin Feige, "and we immediately were drawn to her vision. Her passion for the project combined with her directing style and ability to see the big picture for 'Eternals' made her the perfect choice to direct. It was thrilling to work with her and see her vision unfold to bring 'Eternals' to life."

Zhao's vision for the film was unique and tied to how she sees the world through her filmmaker's lens. She explains, "My initial vision for the film can be summed up in the opening of William Blake's 'Auguries of Innocence.' 'To see

the world in a grain of sand and a heaven in a wildflower, hold infinity in the palm of your hand, and eternity in an hour.' Blake meant that you can find meanings and the endless beauty of our universe inside the smallest things on earth, and with the most intimate moments between human beings. We set out to capture both—something as epic as the creation of a sun and as intimate as the whispers of lovers. To find a way for these moments to coexist and to use them to explore our relationship with our planet, the cosmos and ourselves was a challenge that we loved deeply."

Commenting on Marvel Studios' choice of Chloé Zhao to helm "Eternals," Angelina Jolie, who plays the Eternal, Thena, says, "Chloé is an extraordinary choice. I knew she'd bring something different, but I really didn't know how since this is a huge movie. It is huge in scope and the span of time. It's huge in the effects and new-world creation. It's huge in that you have ten different brand-new characters that you're introducing and creating, and everything about them and their personalities, their backgrounds, their histories and their type of fighting. When I saw the film, I didn't know how she did it. I didn't know how she was able to balance so much. What I wasn't surprised by is how authentic it was. This epic film feels very personal and very emotional and very human. I believe that's her gift."

WHO ARE THE ETERNALS?

Jack Kirby's original "Eternals" Marvel comic books, which were first published in 1976, provided the inspiration for the film. His stories presented a unique opportunity to explore uncharted time periods and diverse characters, and to delve into the rich history of the Eternals.

The Eternals are a race of immortal aliens from the distant planet Olympia who arrived on Earth thousands of years ago to protect humanity from a race of alien predators called the Deviants. The Eternals were alerted to the Deviant threat by the Celestials, a race of cosmic builders who were first glimpsed in Marvel Studios' "Guardians of the Galaxy."

The Eternals' mission to spend thousands of years on Earth to protect humanity and civilization, as well as the planet, is something that connects with current thinking about how humans interact with each other across the globe and their responsibilities as custodians of the Earth. As Moore says, "I think that's something that will resonate with audiences, because as a society, both as the U.S. society and a global society, we're starting to tackle what our relationship is to this earth and what our relationship is to each other. That's an important theme to explore because the fun is there. And the action will be there. But thematically, that's the kind of storytelling I think audiences want, because those are the things we're facing on a day-to-day basis."

The Eternals on Earth are a diverse and powerful group—thinkers and fighters, sharing the same cosmic energy, which manifests itself in different powers within each individual. When they work together these powers complement each other.

"What makes them different from other groups we've had, including the Avengers and the Guardians of the Galaxy, is that they can pool their energy and create something called the Uni-Mind," explains Moore. "The Uni-

Mind is a concept that was borrowed from Jack Kirby's run in 1976. It allows the Eternals to amplify the power of any single Eternal. However, they all have to be somewhat connected to do so. So, they can't be on opposite sides of the world and create a Uni-Mind. They have to be in proximity with each other. It is an amplification device, but it does require the power of all the Eternals together."

The story takes place across two time periods. One storyline is set in the past when they operated as a formidable team and a close family unit. The second storyline is in the present, when the group has fractured and split apart, content to live among humans, hiding in plain sight. The prevailing threat of the Deviants, which once again threatens the existence of mankind, means the Eternals need to put their differences aside and regroup.

Offering insight on the decision to introduce these fascinating new characters to the MCU, Moore says, "We want audiences to discover a corner of the Marvel universe they've never seen before. We want them to discover a mythology that is a challenging sci-fi movie but also has a human heart. And we want them to meet ten heroes who they hopefully can relate to."

The Eternals are a combination of thinkers and fighters. As Moore explains, "I think the Eternals, when they took this mission, were very smart in how they populated it, in that they didn't have ten fighters with no planning. They didn't have ten thinkers who couldn't defend themselves. They were very balanced in their approach to being successful in their mission of helping humanity to spread. They have five fighters who are more of the field team, who will go out and eradicate Deviants on the front lines, and behind them are the thinkers who are just as important to help humanity to expand."

The 10 individuals are like a family unit, living and working together for thousands of years. As time passes, their personalities evolve and change, as do the friendships within the group. This influences the dynamics, and as some individuals' perception of their position within the group and outside of it changes, it becomes clear there are many different facets to their personalities.

The Eternals secret presence within society over thousands of years has led to some of them becoming attached to the human race, and happy to live within it and be a part of it. Equally, some of them have become frustrated and would like to head off on a different mission, or return to their home planet, Olympia.

"For me, each of these Eternals and the emotional journey they go through and the transformation they go through in this film represent an aspect of human nature that we like to explore," comments Zhao. "They represent an exploration of the duality in each of us. So in a way the ten of them have lived for 7,000 years, but what they picked up from us that they love or hate says a lot about who they are, but also says a lot about who we are."

CAST OF CHARACTERS

The "Eternals" Super Hero lineup is the MCU's biggest ensemble cast of new characters to date in one movie. It is also unique because the group is made up of an equal number of men and women, and it is the most international and diverse cast to date as well.

As Moore details, “What is interesting about the ‘Eternals,’ even narratively, is that the Celestials and the Eternals themselves, wanted to recruit a group of people who could integrate themselves into Earth. And the truth about Earth is that there are people from all walks of life. There are people who look different from each other. There are people of all ages. And that allowed us to build a cast of talented people who aren’t from the same place.”

The actors chosen to take on the key roles in the movie were carefully cast for their unique talents and screen presence. They were all excited and enthused about the start of a new chapter in the Marvel Cinematic Universe and bringing these new characters to life. Moore explains the aspirations of the filmmakers and cast, “This is as big as an ‘Avengers’ movie. Chloé is a super-talented filmmaker, who pushed us both narratively and visually to try things that were different. You have ten actors and actresses with points of view on their characters working to infuse their visions for those characters in a narrative with a mythology that most fans aren’t going to know much about. So, it was a very exciting process.

Director Zhao adds, “The actors come from different backgrounds, and they come from different life experiences. But there’s something unique about each of my cast. They carry something quite special. And that, I think, unites them as a family because the Eternals live on the peripheral. So every single cast member has a little bit of that in them that unites them.”

SERSI *(Gemma Chan)*

Sersi is a thinker, and her cosmic energy manifests itself as matter transmutation. She is able to manipulate and change an object from one thing to another. She is dependable and caring and uses her mind and powers to help those in need.

Sersi is played by Gemma Chan, making her second appearance in the MCU, having previously featured as the Kree sniper, Minn-Erva, in Marvel Studios’ “Captain Marvel.” Describing her role in “Eternals,” Chan says, “This is really a coming-of-age story for Sersi in that when you meet her, although she has not been denying her Eternals background, she really loves humans. She wants to fit in with them. So, she’s been kind of operating under the radar. Her story in the film is her rediscovering her power and finding out that she needs to use it to an even bigger extent than she ever thought.”

Sersi has a long history with Ikaris, having had an intense on-off love affair with him spanning thousands of years. Their relationship is central to the storylines in the past and in the present. For Chan’s co-star Richard Madden, who plays Ikaris, creating that relationship was an element of the role that he particularly liked. “I enjoyed being able to build the relationship with Ikaris and Sersi over the ages. I think it’s a fascinating study of what keeps a couple together for thousands of years. When do they not get bored with each other? And what kind of love means that you really care about someone for that length of time?”

For Chan, the strong bonds and connections that exist between characters in the MCU, and in particular this movie, are intrinsic to the storylines. She explains, “What’s great about these films is that you have big spectacle

and huge set pieces, but you also have really quiet, character-driven moments that are heartfelt moments between two people who are just trying to connect. Or, there are funny moments. There are very sad moments. And really that's what glues the whole thing together. So, it's not just about the stunts and the effects. All of that is incredible, but our story is very much about these characters and how they feel about each other and how they feel about the world. And that's what drives the narrative."

IKARIS *(Richard Madden)*

Ikaris is a fighter, and he has supreme power and incredible strength. His cosmic energy allows him to fly and blast powerful beams from his eyes. He takes his responsibilities as an Eternal seriously, and he is very focused. He is independent with a clear mindset, and he likes to be in control.

Ikaris puts the mission above all else, but not without personal ramifications. As Richard Madden explains, "He's always constantly wrestling between what's right for him as a being and what's right for the greater good. And the guilt that comes with making either one of those choices. But Ikaris is always more about the greater good of the universe than the greater good of humanity. So it's really the greater good of the universe versus his own personal priorities. But he's a soldier, so he has loyalty to the bigger picture much more than his personal preferences."

Shooting on location was a positive experience for Madden, who says, "It was great to be able to actually shoot on location rather than shoot on a lot of green screens or blue screens. We've got these great sequences on black sand beaches and volcanic islands. We shot in the streets of London. We shot in forests and woods. All of that really helps make this movie more grounded in reality than just if we'd purely shot it all in a studio."

AJAK *(Salma Hayek)*

Ajak is a thinker, and the only Eternal with a direct connection to the Celestials. She is the matriarch and the spiritual leader of the Eternals. She steers the group, as well as nurturing them and giving them guidance and support as individuals.

Cosmic energy pulses through Ajak, creating a golden sphere between her collar bones, which gives her the power to communicate with the Celestials and to heal her fellow Eternals, as well as humans and animals.

The Academy Award®–nominated Mexican actress, producer and director Salma Hayek portrays Ajak, and she was ecstatic to be asked to star in an MCU movie with a female director and a focus on diversity. "I'm very happy to be part of this particular film for Marvel because Chloé has a very specific vision for the movie," says Hayek. "It is the most diverse cast they've ever had. She uses our personalities and our diversity in a seamless way in the film so that it's unifying at the same time as celebrating. You get the sensation that you're making almost like an independent film that is huge. It's not in the sense of an independent, but in the way independent films tell very personal stories. And this is amplified visually and with the stakes. It's a beautiful combination."

For Hayek, there is a deeper meaning to the diversity of the Eternals. "The Eternals are all very powerful, but

they are the most powerful when they come together," she explains. "Because they're so diverse, I think this is also another message: the importance of working together towards helping this planet and embracing our differences. There are a lot of differences between the characters and their ideologies, and their choices. They could remain separated, but as hard as it is sometimes to find a way to take only one path together, they must."

THENA *(Angelina Jolie)*

Thena is a very powerful Eternal and an incredible fighter. Along with her close friend, Gilgamesh, she is one of the strongest warriors of the group.

Thena can create weapons out of cosmic energy that morph at her will during battle. She can create a sword that can turn into a spear, and then seamlessly into two swords. This makes her a fierce opponent, as her weapons can cut through objects and block blasts. She is also sensitive and her memories can overwhelm her.

Offering a glimpse into Thena's persona, Jolie says, "Thena is like a soldier who is affected by the memories of battle and has PTSD or moral injury to live with. Thena just assumes that a fight's coming at her rather than care and kindness. So she's quite wired, and a lot of her struggle is just holding on to her mind and her center and her peace. I understand her, and how she feels."

As far as Thena's ability to relate to the other Eternals—other than her best friend Gilgamesh—Jolie offers, "Thena is not comfortable in peace time. She doesn't know how to exist as a civilian or as a lover or as a friend, but she does know war. She knows who she is in combat. But she doesn't know how to go to a party or socialize. She just doesn't have those skills."

On Thena's friendship with Gilgamesh, Jolie says, "They are like comrades in arms, who have known each other and fought alongside each other. They are partners, and they fight together. There are a lot of strong female characters in film now. But to have a strong woman with a strong man who she can lean on, like in this film, is the kind of partnership and relationship that I'd like to see more of."

DRUIG *(Barry Keoghan)*

Druig is a thinker, and his cosmic energy is mind control. He can use his power to influence his fellow Eternals, and he has used it to control the minds of humans for over 7,000 years in times of conflict.

Druig can be intense and withdrawn. Over time, he has become frustrated with the divisions that exist within humanity, and he would like to be able to use his powers to redirect more situations, and even the course of history, which is not what Ajak and the Celestials want him to do.

Druig is played by the acclaimed Irish actor Barry Keoghan. A huge Marvel comic book fan, Keoghan never dreamed he would one day be playing a role in the MCU. As he says, "It's always a kid's dream to be a superhero. So, when I was told that I was going to be part of it, I was pumped. And this film represents all the different communities. So, I just hope it gives that message out that anyone can become a superhero."

KINGO *(Kumail Nanjiani)*

Kingo is a fighter, and he is able to create powerful cosmic energy blasts from his hands. He is enthusiastic and confident, and he has a little bit of attitude and flair. Kingo greatly admires Ikaris and wants to be seen as an important hero like him.

Kingo creates geometric shapes and designs with his hands, the look of which are an homage to Jack Kirby and the comics.

Oscar®-nominated writer and critically acclaimed actor and comedian Kumail Nanjiani plays Kingo. Describing the flamboyance of his character, he says, "The Eternals split up from each other a long time ago and are all supposed to keep a low profile. So, Kingo decided to keep a low profile by becoming a Bollywood movie star. He's this guy who's always been pretty flashy. He's always wanted people to know he's a superhero, but he can't reveal that. So, to him, this is the second best thing."

For Nanjiani, being part of the ensemble cast was an unforgettable experience. "I'm getting chills thinking about it," he says. "It's really remarkable. What a great group of actors and human beings. I've truly fallen in love with all of them. It was a little intimidating at first. It's like we're supposed to have been family for thousands and thousands of years, and I don't really know anybody. But everybody was so excited to do this movie and excited to be a group together that we all gelled very quickly. And as we gelled and developed our personal relationships, the relationships between the characters kept evolving too. So, to me, one of the most satisfying parts of doing this movie was working with this incredible ensemble of actors and figuring out the relationships between all the characters."

PHASTOS *(Brian Tyree Henry)*

Phastos is a thinker, and his cosmic energy gives him the power to help advance mankind. He is one of the smartest people in the universe, being a technopath and a master inventor. Much like Sersi, Phastos has formed an attachment to humans and enjoys their company.

Phastos controls the Domo (the Eternals' starship) and he has the ability to understand, build and communicate with machines and devices, and combine different technologies to make whatever he can think of.

Brian Tyree Henry, an Emmy® and Tony Award® nominee whose career spans film, television and theater, plays the role of Phastos. Henry is a huge fan of superheroes and comic books, as he explains, "I've been just obsessed with the concept of superheroes and the concept of mankind needing saving. And I think that when you get this group of people together who just have these innate senses of super powers and saving humanity, it's something that we all need. It literally brings everyone together regardless of where you're from. That kind of hope is what the Marvel Cinematic Universe does."

GILGAMESH *(Don Lee aka Ma Dong-Seok)*

Gilgamesh is a fighter and the strongest Eternal. He can use his cosmic energy to create an exoskeleton that amplifies his strength. When not in battle, Gilgamesh is kind and relaxed and likes to enjoy life. He is very close to Thena and protective of her.

Don Lee (Ma Dong-Seok), a leading South Korean-American actor and producer based in Seoul, South Korea, where he is known for his major action roles, was cast in the role of the strong-but-gentle character, Gilgamesh. He was delighted to have the opportunity to take on a role in the MCU, as he explains, "I play Gilgamesh. He's one of most strongest and most powerful characters in the 'Eternals.' His specialty is his super strength and his super punch. But he's also a fun loving, entertaining character, so hopefully people love him. I love playing Gilgamesh."

MAKKARI *(Lauren Ridloff)*

Makkari is a fighter, and her cosmic energy makes her the fastest woman in the universe. She does everything at speed, from running through to reading. She runs faster than the speed of sound. Makkari's speed and stealth allow her to be disruptive before it is possible to notice. In the present day, she has become disillusioned and a bit bored with life on Earth.

Makkari is the first MCU deaf character, and she is played by Lauren Ridloff, an actress well-known for her role as a series regular in "The Walking Dead." She is also a former Miss Deaf America.

Makkari has seen every corner of the world a thousand times over, collecting artifacts and mementos along the way. Ridloff describes her character thus: "I love Makkari. Obviously, she's fast. That's her strength but also she's loyal and she values her family. She would do anything for her family. She would do what's right. But she's not a goodie-two-shoes. She's not a saint. She does steal quite a bit. She likes shiny objects. She's been on this planet for 7,000 years, so she's picked up a few things that she likes."

Ridloff is excited to have the opportunity to bring a deaf character to the big screen and see the impact it will have on the deaf audience. "I'm just so excited to think about having deaf kids wearing Halloween costumes that are going to be Makkari-inspired," she says. "I think the most important thing about having a deaf superhero on the big screen is it shows there's so much more to every individual regardless of their ability or their strengths or what their weaknesses might be. I'm just so happy to see that there's a deaf character contributing to a story within the MCU."

SPRITE *(Lia McHugh)*

Sprite is a fighter and a storyteller. She has the power to create illusions from her cosmic energy, and she can make herself and others invisible. She is 7,000 years old and exists in the body of a 12-year-old girl, which is

frustrating for her as she does not want to be treated like a child.

Sprite is played by American teen actress, Lia McHugh, who recently starred in "The Lodge."

Describing her character, she says, "She's like a cranky old lady, but she's also like the trickster of the group. And she's sort of funny, but doesn't always intend to be just because of how she expresses herself."

DANE WHITMAN *(Kit Harington)*

Dane Whitman works at the Natural History Museum in present-day London and has a special connection with Sersi.

British actor Kit Harington, most well-known for his role as Jon Snow in the critically acclaimed and Emmy®-award winning HBO drama series "Game of Thrones," takes on the role of Whitman.

Explaining his take on the character, Harington says, "My character, Dane Whitman, while not being an Eternal, fits into the movie as the human element of the story. Dane, who is close friends with Sersi, represents all those things that she loves about the planet. He's meant to kind of stand for Earth and stand for humanity. So, within that we get his quite dry sense of humor, his affection, the way he speaks and the way he moves and talks."

KARUN *(Harish Patel)*

Karun is Kingo's long-time valet and videographer in the present day. He has been Kingo's best friend for decades and his connection to humanity. He keeps Kingo grounded.

Harish Patel, an Indian actor with a prolific career on the international stage, as well as roles on television and on the big screen, plays the part of Karun.

THE MAKING OF "ETERNALS"

"Eternals" is one of Marvel Studios most ambitious films to date. The scope is epic, spanning over 7,000 years on Earth and in space. Within the story there are flashbacks, visions, a love story and many other surprises.

Much like Jack Kirby's original comics, the filmmakers made a conscious decision to explore parts of history that are not often seen on screen. The story commences in ancient Mesopotamia 7000 BC at the very dawn of civilization and then leaps forward to ancient Babylon 2500 BC, where the Eternals have assisted the humans in building a society. The group are then seen as part of the Gupta Empire at 400 AD in Southeast Asia, before jumping to the fall of the Aztec Empire in 1521 AD.

In the present day, the Eternals are scattered all over the globe, including London, Mumbai, South

Dakota, Chicago, Alaska, Australia and the Amazon forest. This geographical range required creativity to find the right locations to simulate their environments.

Since Director Chloé Zhao employs a naturalistic style of location-based filmmaking, she wanted the filming to take place at practical locations, as much as was feasibly possible. As a result, the film's locations included multiple environments in London and the countryside U.K., as well as several different sites in the Canary Islands.

"To tell this story, we needed to capture both the epic and the intimate and visually bring these elements together," explains Zhao. "We shot mainly on location. We used wide-angle spherical lenses and deep focus in order to explore the relationship between the characters and the world they live in. When you watch Sersi walking through a village in ancient Babylon, it's no different than watching Fern walking through a present-day nomadic camp in 'Nomadland.'"

She continues, "The movements of the camera, the wide-angle lenses and the deep focus allow audiences to explore the world within the frames and to make discoveries themselves. The visual experience of this film must feel immersive and interactive enough for audiences to believe that these characters have walked the earth for 7000 years. It's not possible to do that on a stage."

The storylines and characters were intrinsically tied to the places and landscapes they were moving between. It was imperative that the locations worked for the story. With many of the scenes having an exterior setting, at various times of the day and night, from a logistical standpoint, moving such a big cast and crew, and large quantities of kit and set dressing between different locations, while contending with the elements, was extremely challenging for all concerned.

As Moore says, "Jumping around different locations with a very large crew was challenging. But that's been both a learning process and something that is a bit of a bellwether to how good a movie like this can be. We were trying many new things at the same time and not having to rely on a mythology or an aesthetic you've seen before."

The production filmed all over London, from iconic landmarks to the more gritty side of London. London area locations included the Natural History Museum, Piccadilly Circus, Belsize Park, Camden Lock and Market and Hampstead Heath.

A private home in Surrey represents Phastos' Chicago home. Black Park, which backs up to Pinewood Studios and is a 500 acre country park of woodland and heathland, was the location selected to build the impressive Aztec pyramid.

The location chosen for Druig's camp was a wooded area within Wormsley, a private estate in Buckinghamshire. Ajak's ranch was built on Salisbury Plain in Wiltshire, a wide-open landscape without any evidence of modern life.

Swinley Forest, which forms part of the Crown Estate in Berkshire, subbed for Alaska. The forest is known for its cycling paths in over 2,600 acres of woodland.

Four weeks of filming took place in Fuerteventura and Lanzarote, two of the Canary Islands, a Spanish archipelago off the coast of Africa. These islands presented the production with the opportunity to show different periods of history on screen using parts of the islands to double historically for places that no longer exist, or are difficult to film at.

As Moore says, "To shoot in those locations, in those environments with real desert, with real ocean, with real volcanoes was something we don't always get to do, and I think the film will feel richer for it."

The Babylon, Mesopotamia and Australian Outback scenes were filmed there, and the sets were built on location.

The scale of "Eternals" was an extraordinary and enormous undertaking for Eve Stewart, the production designer, and her team. The production had five stages at Pinewood's East lot in the U.K. working at full capacity, all housing multiple sets across the shoot, with the requirement to seamlessly strike sets and install new builds in place. The fast turnaround required close attention to detail and mandated that multiple departments work in sync. It was an epic undertaking with over 130 sets.

Stewart, a huge comic book fan, and her team eagerly immersed themselves in the Kirby comic books and historical research, in tandem with the script, to bring the story to life. As Stewart elaborates, "Because of that kind of myth and legend, I started to really get into what influence they think other alien people who have come to this planet might have had on our technology, or on everything. So, that fed in, and what was amazing is then going back to the comics. So, it was going round and round. I went back to the Kirby comic illustrations."

For Stewart, it was important to create bespoke environments for characters across all time periods to help tell the stories visually for each character and their individual journeys. As she explains, "I know the actors feel comfortable when they're enveloped in a kind of bubble of belief. They've got an environment, which they believe in, stuff they can touch, stuff they can lean on, walk about, and be with. And it somehow elevates the emotions. Their ability to then feel things becomes more grounded and less created."

The Eternals starship, the Domo, was an important and impressive build. It is an ancient craft that allows the group to travel in safe haven across thousands of years. For Stewart, taking on her first MCU movie, it was an exciting challenge to build a ship that was created thousands of years ago and was devoid of the technology seen on spaceships in movies set in more modern times or the future.

During their research, Zhao and Stewart looked at Kirby's comics, religious symbolism and sacred geometry in Eastern and Western religions, as well as ancient symbols and alien influences. They discovered that triangles and circles are symbolic and prevalent within the architecture of many religions. This influenced the design of

the exterior of the ship, which became triangular, and the bridge, the most important area within the ship for the Eternals and sacred to them, became circular. Circles within triangles became a motif for unity.

Stewart spent time talking to scientists about triangular planes and how it is possible to create a vertical lift if there is enough energy around all of the points. This is where she started with the exterior design.

For the interior, she spent hours at the Science Museum in London looking closely at meteors, examining the textures and colors. She then worked closely with her talented team of plasterers and painters to recreate the inside of a meteor for the interior of the ship.

As Stewart says, “We worked really hard at the textures so that it looked like the inside of a meteor and truly ancient. I was really excited to see some space dust that had arrived on a small meteor that was seven billion years old and had recently been discovered. It was the same color. So, I was really proud.”

The design of the bridge is based on sacred geometry. It is an impressive, circular, domed room, evoking a cathedral complete with a church-like echo, designed by Stewart to be evocative of St. Paul’s Cathedral in London.

As Stewart explains, “This spaceship has been lying dormant theoretically on Earth for the last 7,000 years. So, Chloé and I felt it couldn’t have any proper reference to human technology. Also, on top of that, I just felt that it was such a kind of spiritual place for these people and had been set up theoretically by the Celestials, who are gods. So, I started to look at sacred geometry, the way shapes worked throughout all the religions across the world.”

For the symbols on the walls of the bridge, Stewart looked at ancient Babylonian cuneiforms and writing, and from there developed a visual language for the film influenced by cuneiform and ancient runes as an homage to early human languages.

Stewart elaborates, “They say things like star, moon, travel, man, earth and god. When the Eternals come in here to get into their suits they stand in front of these patterns. And these patterns of light exactly correspond to those within their costumes, and they morph onto their beings. I found that really important.”

The Domo also has an astrolab, where Phastos operates the celestial tech and works with the celestial energy.

The design of the towering statue figure of the Celestial known as Arishem, which sits in the center of the bridge, was developed over many weeks from initial drawings and small maquettes to work out the design and the position of the hands before the immense figure was built.

The attention to the smallest, delicate details within the starship was a huge team effort when it came to the beautiful plants in the terrariums. Props, greens, special effects, construction and the lighting department were all involved.

CHARACTER LOOKS

The initial concepts for the Eternals Super Hero costumes were designed by Ryan Meinerding, head of visual development at Marvel Studios in Burbank, in conjunction with director Chloé Zhao and costume designer, Sammy Sheldon Differ. The individual looks and color palette created by Jack Kirby for the Eternals in the comics books were key to the inspiration and development of the superhero suits that ultimately appear on screen.

“Our costume designer, Sammy Sheldon Differ, and I had to think about why the Eternals are here because, for me, the costumes have to tell stories,” informs Zhao. “Why are they coming to Earth? Is it military? Is it missionary? When a new group of people comes to a foreign land, how they dress says a lot about what they are trying to do there.”
She adds, “Because they had been on Earth for 7,000 years, we thought about what could be on their suits. Could they have symbols or shapes that might have been influenced by some designs in religion and in cultures all around the world? So that all went into the design, along with looking at different colors.”

The concepts and ideas generated provided the springboard for Sheldon Differ to take back to the costume workshops at Pinewood, where she worked with Ivo Coveney, costume FX supervisor, to bring the designs to life.

Marvel filmmakers and Zhao felt it was important that the superhero suits did not look like uniforms. The desire was for a timeless, cool and modern design, as the Eternals had come to Earth over 7,000 years ago. It was decided there would be a unified design element to make it clear the individuals all came from the same universe, with differing color palettes inspired by the cosmos and the night sky to maintain individuality.

Zhao wanted the costumes to subtly differ for each character with symbology and insignias across each design to keep a shared language. It was also decided it was important to incorporate geometric shapes and forms in an homage to the designs of Jack Kirby, as well as the cuneiform language within the design of the bridge in the Domo.

Research for Sammy Sheldon Differ and her team included analyzing and looking at minerals, nature, rocks, nebulas and the cosmos, which led to an ancient, galactic look and superhero suits that gave the impression they originated from organic matter.

It was decided that the costumes, as much as possible, should be a single surface, linear and fit like second skin, rather than armor-clad uniforms. This level of detail added up to ten superhero suits, which were to be some of the most complicated costumes that Sheldon Differ and Coveney, and their teams, had ever tackled.

As Sheldon Differ remarks, “I can honestly say these costumes are some of the most difficult superhero costumes I’ve ever made. And certainly, I’ve pushed my team to the nth degree to get them to where they are. The concepts were quite tricky and super interesting. And the ask was that they didn’t look like something that we’ve ever seen before.”

Initially, print artists came up with big boards of paintings, inspired by the universe, gearing specific colors to each character. Then, for each costume, digital printing took place with experimentation on the surface of fabrics and urethane to try to achieve a 3D effect within the fabric while still keeping the stretch. The costumes incorporate fabric and urethane, which each catch the light differently, which meant taking into consideration matte versus shine.

The actors playing the Eternals are of varying heights and builds, so body casts were made of each cast member

to ensure a perfect fit for the superhero suits. Often, the cast members lose weight and their bodies change shape during the prep period, due to the stunt and gym training sessions they participate in, and also across the actual shoot, so costumes have to be adjusted accordingly.

Bespoke mannequins allowed the FX costume team to sculpt in clay to show Sheldon Differ and the filmmakers the initial designs, and then scan and work in 3D to clean up the lines and improve them. This took place in conjunction with cast fittings. Just because a design looks good on a computer, it is not the same as fitting it on the actor and discovering what works for them in terms of movement and comfort, particularly for those cast members who would be performing in fight scenes.

Once they were at a stage that Zhao liked, they were then photographed and made into a digital print, which were then printed onto stretchy fabric. All the colors had to be tested to make sure they were a true representation.

The detail on the superhero suits had to match Sheldon Differ's designs, which entailed many layers for each costume being applied by hand by up to eight people in the FX workroom, who painted the pieces, including with gold leaf.

Each fabric has a silicone negative print over the top of the print itself, to make it more 3D, then more layers to make it catch the light and look like crystals, within which there are flashes of bright foil to give the impression on camera that they are slightly 3D.

There were approximately six superhero suits made for each character. The first costumes took around five months to develop and make. The subsequent repeats then took two-three weeks to make.

Each of the Eternals color palette is carried throughout their costumes across the time periods. This deliberate choice allows the characters to retain their own identities and looks throughout the story. For example, in the comic books, Sersi wears green and this color is carried through Gemma Chan's costumes from her superhero suit to her eclectic, modern-day clothing.

As Moore explains, "The more rebellious characters like Druig and Makkari have red in their costumes that no one else has. The leaders, Ajak and Ikaris, tend to veer more towards blue. So, we tried to have general principles for how we dressed people. Some of that is inspired by comics, like Ikaris is in blue in the comics. Thena is in gold in the comics."

Sersi's color palette is green with silver. The design of her superhero suit is feminine and soft. Her costumes across the time periods of the film are not structured; her looks are more ethereal. In the present-day world, her look is casual, stylish and eclectic.

Ikaris' color palette is a deep, dark blue. His superhero suit has a gladiatorial feel, and it is muscular and tapered at the waist, with a paneled area falling like segmented armor. As he travels through time, his clothing is fitted, straight and tailored. There is nothing complicated about his clothing.

Ajak's color palette is blue and gold. Her connection to the Celestials gives her an air of nobility and her superhero suit has a majestic headdress. The lines in her suit flow upwards, the design connecting her to the Celestials. Ajak

loves nature and the earth. In the present day, she wears denim and relaxed clothing, which allows her to work the land and take care of animals.

Thena's colors move from the pale gold of her superhero suit to a washed out white. Slowly, across the periods of the story, her costumes become more fragile and soft, almost like a damaged butterfly. An example of this is her Australian look, which is lost in time and vaguely circa 1900.

Druig's superhero suit is dark and has a long, monastic shape. His look across the time periods is linear, and he wears simplistic linens and shades of black, with some red in his hero suit. His costumes become darker as he moves towards the present day.

Kingo's superhero suit has a defined silhouette and a hard surface on the front of the costume, resembling armor. The color purple runs throughout his looks, including in the present day, where he is a Bollywood star. His clothing is expensive. Some of it is tailored and some of it is casual, and he sports designer athletic shoes. He wears a purple jacket with a big 'K' embroidered on the back with a dragon.

Phastos' costumes are linear and flowing, with a monastic feel. He looks imposing and powerful in his superhero suit. In the present day, his look is modern and cool—layered looks with jeans and still retaining a fitted feel with the textures and fabrics.

As the biggest and strongest warrior of the Eternals, Gilgamesh's superhero suit is heavily armored. His costumes across time have a classic look with simple lines. Thena and Gilgamesh have been living in the Australian Outback for a long time and have lost touch with the modern world, so his look, like hers, is evocative of 1900.

Because Makkari is superfast, Ridloff's predominantly red superhero suit was designed as one piece with a skirt at the back to give her motion for visual effect when she is running. It was a particularly difficult costume to make with the need for her to run and be in motion so much of the time. Makkari wears her clothes with ease across all time periods and her present-day look is relaxed with a modern-day '70s vibe with jeans, t-shirt, leather jacket and sunglasses.

The design of Sprite's superhero suit flows, and the color palette is jade and alabaster. When she is in the present day, Sprite has a slightly eccentric look for a young woman, preferring to wear a more masculine style of trousers, waistcoats and shorts. This ties in with her possessing the mind of an adult, but not being perceived as a grown-up due to the body she inhabits.

The Aztec and Gupta costumes included echoes of the colors of the hero suits with hand-embroidered pieces and antique fabrics, and the color themes continue for the individual characters across all time periods. As Sheldon Differ explains, "The main thread we used was color, and we gave them each a color journey. And as we went through time, the colors became more muted as you get to present day."

Due to the many time periods in the script, the costume and hair and makeup departments needed to undertake a huge amount of research. It was helpful that Sheldon Differ and Frances Hannon, hair and makeup designer, both greatly enjoyed the early research that goes into understanding a time and place and developing the ideas

to bring the pages to life.

As the Eternals resemble humans, and hide among the people of each period, they need to blend in as much as possible. Zhao was clear that despite the characters existing across thousands of years, their hair and makeup should be as timeless and as natural as possible, with subtle changes. The extras in the crowds had more defined looks for each period that were more representative of the looks of the times in terms of hairstyles and adornments.

SPOKEN LANGUAGES

Other than English, the languages spoken and written in the film are Sumerian, Babylonian, Sanskrit, Hindi, Arabic and Spanish.

Dialect coach Sarah Shepherd has worked on a number of MCU movies, but the biggest challenge for her with "Eternals" was that the bulk of the language work was in Babylonian. Babylonian is an ancient language that had died out completely in both written and spoken form by 100 AD.

In the U.K., Shepherd was able to locate one of approximately three academics in the world who is able to speak it, and he became an advisor and translator throughout prep and during the shoot. The advisor would translate the lines, and Shepherd would convert them into phonetics and create sound-alike documents and recordings for the actors to work with.

The cast were as keen as Zhao and Shepherd to keep the language in the film as accurate as possible, despite knowing almost no one would know if something was mispronounced from a dead language.

The Babylonian translator was also able to translate the smaller phrases of Sumerian called for in the script, which is an even older language than Babylonian. In addition, Shepherd tracked down an academic for the Sanskrit. It was fortunate that many of the actors were multi-lingual and able to learn these lines with relative ease.

Lia McHugh, who plays Sprite, managed to memorize eight pages of Babylonian in just two days. Shepherd commented that she nearly "passed out" when Lia spoke them all perfectly on set.

AMERICAN SIGN LANGUAGE

Deaf actress Lauren Ridloff, who plays Makkari, carried out research about mythology with an American Sign Language consultant to help with the translation process, and also to develop name signs for each character. During this process, Ridloff learned more about the mythology behind each character, and her hope is that the name signs are a reflection of their individual backstories.

During filming, Ridloff and her husband, Doug, along with her two ASL translators, taught the actors how to sign. In addition, Ridloff assisted the production with guidelines and etiquette on how to run a friendly set for someone who is deaf. This was invaluable for the cast and crew, as they all quickly became huge fans of Ridloff's upbeat and vibrant personality and wanted to be able to communicate with her.

THE ETERNALS ARE COMING...

When Marvel Studios' "Eternals" hits the big screen on November 5, the new cadre of Super Heroes brings with it an amazing history, relatable beings and mind-blowing action never before seen in the Marvel Cinematic Universe.

Cast and filmmakers share their excitement for audiences when they get to experience the MCU's newest team of Super Heroes in action:

Angelina Jolie remarks, "I hope that a lot of people are going to see themselves as superheroes who may not have seen themselves as superheroes before. I'm excited for that."

"They're going to see a movie unlike any they've ever seen before, and I really mean that," comments Kumail Nanjiani. "It's a Super Hero movie. It's a sci-fi movie. It's an epic. It's morally complicated. It's got big philosophical themes. But it's also really funny. The action is great. It spans multiple time periods. They're going to see a movie that juggles so many different tones and themes and types of genres. They're going to see a movie that encompasses so many different emotions. I'm excited to see it, and I know what happens in it!"

Gemma Chan adds, "I'm really excited for people to meet these new characters. I'm also excited for them to just be taken on a crazy ride. This film has action. It has comedy. It has romance. It's epic. I'm really excited for them to see it."

"I'm most excited for people to be able to get up close with a lot of these characters," says Richard Madden. "We tried to create this huge world where you also get to be alone with these characters in moments of silence and thought. Hopefully, we're going to be able to get inside some of these Eternals' minds as much as we get to see them saving the world."

Director Chloé Zhao sums up, "We are excited for audiences to go on this epic journey through time and space with a group of immortal heroes. We hope they will have a great time, fall in love with these wonderful characters, learn new MCU mythologies and explore some of the existential questions humanity has pondered since the dawn of time."

ABOUT THE CAST

Summer 2018 marked **GEMMA CHAN's (Sersi)** graduation from leading British TV actress to Hollywood film star. Chan starred as Astrid in the Warner Bros. film adaptation of Kevin Kwan's best-selling novel "Crazy Rich Asians." The film featured a cast of the world's leading Asian artists, including Michelle Yeoh, Constance Wu, Henry Golding, Awkwafina and Ken Jeong. "Crazy Rich Asians" won best comedy at the Critics Choice Awards and was also nominated for a Golden Globe® (best motion picture–musical or comedy) and a SAG Award® (outstanding performance by a cast in a motion picture).

Chan was next seen playing Bess of Hardwick in Josie Rourke's film debut, "Mary Queen of Scots." The film received its world premiere on the closing night of the AFI Film Festival 2018. In 2019 Chan starred in "Captain

Marvel," Marvel Studios' first female-fronted superhero film. Chan played Kree sniper Minn-Erva, alongside Brie Larson, Jude Law, Samuel L. Jackson and Ben Mendelsohn.

Following that, Chan returned to British television in the "I Am" anthology drama series for Channel 4, from BAFTA-winning writer-director Dominic Savage. Each episode is named after its lead character, and Chan starred in "I Am Hannah," which told a deeply moving story that explored the societal pressure women face to have children.

Chan was recently seen in "Let Them All Talk," an original comedy directed by Steven Soderbergh and starring Meryl Streep, Candice Bergen, Dianne Wiest and Lucas Hedges. The film launched on HBO Max, the WarnerMedia streaming service, last December.

This year, Chan voiced Namaari in Disney's "Raya and the Last Dragon" alongside Kelly Marie Tran and Awkwafina. The animated film opened in U.S. theaters on March 5.

Chan recently wrapped Olivia Wilde's psychological thriller "Don't Worry Darling," alongside Florence Pugh, Harry Styles, Chris Pine and KiKi Layne.

Chan is well known for her role in the BAFTA-nominated Channel 4/AMC artificial intelligence drama "Humans." The first series was Channel 4's biggest original drama hit for 20 years, and the second series was Channel 4's highest-rating returning drama launch since 2012.

Chan's work on "Humans" led to her making the one-off documentary "How to Build a Human," which followed the creation of Gemmabot, built by a leading team of AI experts, designers and special effects companies. Chan went through a grueling range of procedures, including an entire head cast to build the machine to her exact dimensions as well as 3D scanning to determine her facial speech patterns and hours of voice-record recognition.

Chan has starred in some of Britain's best-loved television, including "Doctor Who," "The IT Crowd," "Sherlock," "Secret Diary of a Call Girl" and "Fresh Meat." In 2014 Chan made her Hollywood debut in the Kenneth Branagh–directed thriller "Jack Ryan: Shadow Recruit," alongside Chris Pine, Keira Knightley and Kevin Costner. Chan's additional film projects include the box-office hit "Fantastic Beasts and Where to Find Them," based on the original book by J.K. Rowling, and "Transformers: The Last Knight," the fifth film in the "Transformers" franchise, one of the highest-grossing series of all time.

Chan is also an accomplished theater actress; she performed in the sell-out run of the critically acclaimed "Yellow Face," by Tony Award®–winning David Henry Hwang, at the Park Theatre and again in the National Theatre's revival. In 2015 she starred in Harold Pinter's "The Homecoming" at Trafalgar Studios.

Chan has just been announced as L'Oréal Paris' latest international spokesperson and is a UNICEF UK ambassador.

RICHARD MADDEN (Ikaris) is a Scottish film and television actor, born and raised in Renfrewshire, near Glasgow.

In December 2020 Madden and Brian Cox starred in the QCODE sci-fi podcast series "From Now," which hit number two overall in the Apple Podcast charts. Amazon won the rights to adapt the podcast as a TV series, which Madden and Cox will executive produce.

In 2019 Madden was seen in the BAFTA-nominated film "Rocketman," the Elton John biopic, where he played

John Reid. He was also seen in Sam Mendes' Academy Award®–nominated war film "1917," which was released that year.

Madden starred as the lead role of David Budd in the BBC miniseries "Bodyguard" for Netflix/BBC Films, for which he won the 2019 Golden Globe® Award for best performance by an actor in a television series (drama). The series was also nominated for best television series (drama). Additionally, Madden received the 2019 National Television Award for drama performance for the role.

On television, Madden also starred in the lead role of Cosimo de Medici alongside Dustin Hoffman in the Netflix series "Medici: Masters of Florence," directed by Sergio Mimica-Gezzan.

He achieved critical acclaim in the Discovery Channel original miniseries "Klondike" and appeared in the BBC film "Lady Chatterley's Lover," based on the classic novel by D.H. Lawrence. Madden is perhaps best known for his compelling performance as Robb Stark in the acclaimed HBO series "Game of Thrones."

On film, Madden co-starred opposite Idris Elba in "Bastille Day," directed by James Watkins. He also starred as Prince Charming opposite Lily James in Disney's live-action adaptation "Cinderella," directed by Kenneth Branagh. In 2016 Madden starred as Romeo opposite Lily James in the West End stage production of "Romeo and Juliet," directed by Kenneth Branagh. The stage production was later seen in cinemas.

KUMAIL NANJIANI (Kingo) is an Oscar®-nominated writer and critically acclaimed actor and comedian. He recently wrapped production on the Disney+ Star Wars prequel "Obi-Wan Kenobi" opposite Ewan McGregor.

Nanjiani and his wife, Emily V. Gordon, currently serve as executive producers on the Apple TV+ series "Little America" with Lee Eisenberg, Alan Yang and Joshuah Bearman. The show is currently in production on Season 2 and received nominations at the Independent Spirit Awards and BAFTA TV Awards. Each episode was inspired by true and poignant stories featured by Epic Magazine of immigrants in America, covering politics and cultural division with a diverse group of emerging talent, bringing to life the funny, romantic, heartfelt and surprising stories of immigrants in America.

It was recently announced that Nanjiani will star in and produce FX's "Homeland Elegies," based on the book by Pulitzer Prize–winning author Ayad Akhtar. The series will be led by Nanjiani and blends fact and fiction to tell an epic story of identity and belonging in post-Trump America.

Additionally, Nanjiani will play Chippendales founder Somen "Steve" Banerjee in a limited series for Hulu called "The Immigrant." The eight-episode series will tell the true story of Banerjee, the Indian American entrepreneur who started Chippendales. The series is written by Robert Siegel and executive produced by Siegel, Nanjiani, Dylan Sellers and Emily V. Gordon as well as Rajiv Joseph and Mehar Sethi, who will also write on the series.

In other news, Nanjiani and Gordon are set to write the feature adaptation of "The Doubtful Guest," a 1957 illustrated short story by Edward Gorey. Nanjiani will also star in the feature, which was acquired as a feature pitch by Amblin Partners.

In early 2020, Nanjiani and his wife created their own podcast, "Staying In with Emily & Kumail," while in quarantine, which was ranked among several Top 10 podcasts lists in addition to receiving a People's Choice Award nomination. Proceeds from the podcast went to charities helping those affected by COVID-19.

In 2017 Nanjiani and Gordon received an Academy Award® nomination for best original screenplay for "The Big Sick," in which he starred alongside Holly Hunter, Zoe Kazan and Ray Romano. The film was named one of the AFI's Top Films of the Year and won the Critics Choice Award for best comedy, the Hollywood Film Award for comedy ensemble of the year and an Independent Spirit Award for best first screenplay. Additionally, the film earned two Independent Spirit Award nominations, a Producers Guild Award nomination, two SAG Award® nominations, and Writers Guild Award and Gotham Award nominations. Nanjiani also earned the Santa Barbara Film Festival's Virtuoso Award, the San Diego International Film Festival's Auteur Award and was named one of Variety's 10 Actors to Watch.

On the television side, Nanjiani reprised his starring role as Dinesh on the sixth and final season of the Emmy® Award–winning HBO comedy series "Silicon Valley," opposite Thomas Middleditch, Martin Starr and Zach Woods. Over the years, the series has won two Critics Choice Awards for best comedy series and has been named one of the AFI's TV Programs of the Year. Nanjiani also voiced Jesus on the Fox animated series "Bless the Harts" with stars Kristen Wiig and Maya Rudolph that premiered last year. Nanjiani was nominated for an Emmy Award for outstanding guest star in a drama series for his appearance in Jordan Peele's new take on the original 1959 TV series "The Twilight Zone."

Additional film credits include "The Lovebirds," "Stuber," "Men in Black: International," "Fist Fight," "Mike and Dave Need Wedding Dates," "The Five-Year Engagement" and "Central Intelligence." His vocal talents were heard voicing one of the ninja warriors in "The Lego Ninjago Movie" from Warner Bros. Additional television credits include: Comedy Central's "The Meltdown with Jonah and Kumail," IFC's "Portlandia," TNT's "Franklin & Bash," FOX's "The X-Files" and NBC's "Community."

LIA MCHUGH (Sprite) is rapidly emerging as one of young Hollywood's most sought-after talents.

She will be seen in the Epix and Blumhouse film "A House on the Bayou." The film follows a troubled couple and their teenage daughter (McHugh) who go on vacation to an isolated house in the Louisiana bayou to reconnect as a family. But when unexpected visitors arrive, their facade of family unity starts to unravel, as terrifying secrets come to light. McHugh plays Anna, the 14-year-old daughter of Jessica and John, who becomes increasingly unnerved by the tension she feels rising within her family. The film will premiere on Epix in December 2021.

McHugh was last seen in Neon's "The Lodge," which premiered at Sundance in 2019. The horror film follows a soon-to-be stepmom snowed in with her fiancé's two children at a remote holiday village. The film also features Riley Keough, Alicia Silverstone and Jaeden Martell.

Her other film credits include "Along Came the Devil" opposite Sydney Sweeney, A24's "Hot Summer Nights" with Timothée Chalamet and Maika Monroe, and "Totem."

On television, McHugh can be seen in the Hulu/Blumhouse horror anthology series "They Come Knocking" opposite Josephine Langford. Additionally, she starred in Paramount Network's "American Woman" dramedy from Kyle Richards alongside Alicia Silverstone and Mena Suvari.

McHugh received the National Youth Arts Award as 2018 Jr. Soloist for her role as Mary Lennox in the musical production of "The Secret Garden" with John Burroughs High School Powerhouse.

When not acting, McHugh volunteers for organizations supporting animals and disabilities.

Emmy® and Tony Award® nominee **BRIAN TYREE HENRY (Phastos)** is a versatile actor whose career spans film, television and theater. He currently stars alongside Donald Glover in the Emmy-, Golden Globe®– and Peabody Award–winning FX series "Atlanta," which has been renewed for two more seasons. Henry portrays Alfred Miles, Atlanta's hot of the moment rapper, who is forced to navigate fame while remaining loyal to family, friends and himself. He has received an Emmy and MTV Movie & TV Award nomination for the role.

In April 2022 Henry will star in Sony's "Bullet Train" with Brad Pitt, and he has completed production on the Netflix animated feature "The Magician's Elephant." Earlier this year, Henry starred in Warner Bros.' blockbuster "Godzilla vs. Kong." He portrayed the character of Bernie, a truth-seeking podcast host and conspiracy theorist. He also starred in the indie drama "The Outside Story" from writer/director Casimir Nozkowski, receiving rave reviews for his leading role, and in Netflix's "The Woman in the Window" opposite Amy Adams and Gary Oldman.

In 2018 Henry had a prolific year on the silver screen, starring in a diverse array of feature films. He co-starred in the action thriller "Hotel Artemis" alongside Jodie Foster and Sterling K. Brown; Sony's drama "White Boy Rick" with Matthew McConaughey; director Steve McQueen's thriller "Widows" opposite Viola Davis; Sony's Oscar®-winning animated film "Spider-Man: Into the Spider-Verse"; and Barry Jenkins' "If Beale Street Could Talk," for which he received critical acclaim (NAACP nomination) for his performance as the character Daniel Carty. In 2019 Henry starred in MGM's "Child's Play," Blumhouse's "Don't Let Go," which had its premiere at Sundance, and the indie comedy "Family."

Henry's additional film credits include "Vivo," "Superintelligence" with Melissa McCarthy, and the indie films "Irreplaceable You," "Puerto Ricans in Paris" and "Crown Heights." On television, he has appeared in numerous shows, including "Room 104," "Drunk History," "How to Get Away With Murder," "Vice Principals," "Boardwalk Empire," "The Knick," "The Good Wife" and "Law & Order." In 2017 he guest-starred as Ricky on NBC's "This Is Us," for which he earned an Emmy® nomination.

Henry originated the role of The General in the critically acclaimed Broadway musical "The Book of Mormon," for which he received rave reviews. In Spring 2018 Henry returned to Broadway in Kenneth Lonergan's Tony-nominated play "Lobby Hero." For his role, he received Tony, Drama Desk and Drama League Award nominations. Henry's wide range of theater credits include "The Fortress of Solitude" and "The Brother/Sister Plays/The Brothers Size" (Helen Hayes best actor nomination) at The Public Theatre, as well as "Romeo and Juliet" and "Talk About Race" at New York Stage and Film and The Public.

A graduate of Atlanta's Morehouse College, Henry received his MFA from Yale's School of Drama. He currently resides in New York.

LAUREN RIDLOFF (Makkari) began her career as an actor just three years ago. Prior to that, she was a kindergarten teacher in Brooklyn, N.Y., for 10 years. After leaving that job to take care of her two young children, she was hired in 2016 to tutor director Kenny Leon in American Sign Language as he prepared to mount a revival of the classic Broadway play "Children of a Lesser God." After months of working together, it became clear to Leon and the play's producers that Ridloff was the perfect choice for the lead. She pulled it off with resounding success, including two rave reviews from The New York Times and a Tony® nomination for her performance.

Her first onscreen role was in Todd Haynes' "Wonderstruck," playing a hearing woman in a silent film. She went on to become a series regular on the hugely popular AMC series "The Walking Dead." Ridloff recently received a 2020 BAFTA Breakthrough award, recognizing the most promising stars of film, games and television in the U.S. and U.K.

BARRY KEOGHAN (Druig) was most recently seen in "The Green Knight" and the independent feature "Calm with Horses," for which he was BAFTA and BIFA nominated. He was also nominated as one of BAFTA's five EE Rising Stars for 2019. He can also be seen as Spencer in "American Animals," for which he was nominated for a best supporting actor BIFA in 2018.

Keoghan was also one of Variety magazine's Top 10 Actors to Watch in 2017. Recent credits include the lead in Yorgos Lanthimos' feature "The Killing of a Sacred Deer" alongside Colin Farrell and Nicole Kidman; Christopher Nolan's "Dunkirk"; Adam Smith's "Trespass Against Us" and Rebecca Daly's feature "Mammal."

DON LEE (aka MA DONG-SEOK) (Gilgamesh) is a leading Korean American actor and producer. A former boxer and bodybuilder who was born in Korea, Lee was raised in the U.S. and returned to Korea, appearing in more than 80 films, where he has a cult following. He is known for his starring roles in "The Outlaws," the "Along With the Gods" film franchise and the zombie horror film "Train to Busan." His crime thriller "The Gangster, the Cop, the Devil" is slated for a Hollywood remake with Stallone's Balboa Pictures, with Lee reprising his original role as the Gangster.

Lee will also star in "The Club," an action drama series derived from South Korean format "The Trap," and produced alongside B&C Content, Starlings TV and showrunner Jack LoGiudice ("House of Cards," "Sons of Anarchy") under his L.A.-based production banner Gorilla 8 Productions.

Born in London, **KIT HARINGTON (Dane Whitman)** studied drama and theater at the Central School of Speech & Drama, a constituent of the University of London. Before graduating in 2008, he won the lead role of Albert in the Royal National Theatre's London production of the smash hit "War Horse." The production transferred to London's West End at the New London Theatre, and he stayed with the role until 2009, after which he appeared in "Posh," by Laura Wade, at the Royal Court Theatre in London. Harington made his much-anticipated West End return in Sam Shepard's modern classic, "True West."

His most recent TV projects include Amazon's "Modern Love" and Netflix's "Criminal." Harington starred as Jon Snow in the critically acclaimed and Emmy® Award–winning HBO drama series "Game of Thrones." In 2016 he received his first Emmy nomination, for best supporting actor in a drama series, and in 2019 he received his second Emmy nomination, for best lead actor in a drama series. In 2020 Harington received a Golden Globe® nomination for best actor in a drama series.

In 2018 Harington transitioned into the role of executive producer on a miniseries titled "Gunpowder." Harington played his real-life ancestor on his mother's side, Catholic rebel Robert Catesby, who was part of the Gunpowder Plot of 1605, the failed scheme by Roman Catholic militants to blow up the House of Lords in London. The series also starred Peter Mullan, Mark Gatiss and Liv Tyler.

Past film projects include the HBO sports mockumentary "7 Days in Hell," Sony Pictures Classics' drama "Testament of Youth" and the big-screen adaptation of the hit British spy series "Spooks: The Greater Good." He also lent his voice to the animated film "How to Train Your Dragon 2," which won the Golden Globe® Award for best animated feature film in 2014 and received an Academy Award® nomination.

SALMA HAYEK (Ajak) is an Academy Award®–nominated actress and Emmy®-winning director known also for her work as a producer and her advocacy for the rights of women and immigrants.

Originally from Coatzacoalcos, Mexico, Hayek began her career as an actress in Mexican telenovelas. Her first feature film was an adaptation of "Midaq Alley," based on the novel by Nobel laureate Naguib Mahfouz. That year she broke into the U.S. film market with Robert Rodriguez's "Desperado," thus beginning a series of artistic collaborations with both Rodriguez and Antonio Banderas, including the films "From Dusk Till Dawn," "Once Upon a Time in Mexico" and the Oscar®-nominated "Puss in Boots."

Hayek's filmography spans multiple genres in both film and television. She has starred in both critical and commercial successes such as "Wild West," "Dogma," "Grown Ups," the period drama "Tale of Tales," Ridley Scott's "House of Gucci" and "Beatriz at Dinner," which earned her an Independent Spirit Award nomination. Her range as an actor is evident in roles as diverse as Ajak in "Eternals" and Elisa Pedrera in NBC's Emmy®-winning "30 Rock." In the early aughts Hayek both starred in and produced "Frida," the definitive biopic of renowned Mexican artist Frida Kahlo. With her production company Ventanarosa, Hayek secured an all-star cast, acclaimed theater director Julie Taymor and permission to film in Kahlo's former studio. "Frida" received a total of six Academy Award® nominations. Hayek received best actress nominations for the Academy Award, BAFTA, Golden Globe® Award and Screen Actors Guild Award®, and was honored with Germany's prestigious Golden Camera.

Since its inception, Ventanarosa has been committed to telling the stories of Hispanic people, focusing specifically on the lives of women. In addition to "Frida," Hayek produced ABC's acclaimed comedy "Ugly Betty," which earned her an Emmy® nomination for outstanding guest actress. She was nominated for a Broadcast Film Critics Association Award for her role in Showtime's "In the Time of the Butterflies," which she also co-produced. Other projects include the Netflix series "Monarca" and Showtime's "The Maldonado Miracle," her directorial debut, for which she won a best director Emmy.

Throughout her life, Hayek has consistently championed the rights of women, children and immigrants. After lobbying Congress to extend the Violence Against Women Act, she and her husband Francois-Henri Pinault founded the Kering Foundation, which leads initiatives aimed at liberating women around the world from sexual, physical and emotional abuse. Hayek later partnered with Gucci to create Chime for Change, a program advancing education, health and justice for girls. Chime for Change recently launched the #StandWithWomen campaign to combat domestic violence against women during the coronavirus lockdown.

In 2015 she visited Syrian refugee camps in Lebanon alongside UNICEF and mounted the Chime for Education campaign to raise money to educate refugee children. In 2017 Hayek spearheaded fundraising efforts for earthquake victims in Mexico and helped raise nearly a million dollars for UNICEF. During the disaster relief effort, she also partnered with the Pepsico Foundation and Habitat for Humanity to deliver 180 houses for displaced victims of the earthquake. Hayek remains actively engaged in a range of pressing social justice issues and is a longtime supporter of multiple leading nonprofit organizations including Girl Effect and Fondo Semillas.

She resides in London and Los Angeles with her family.

ANGELINA JOLIE (Thena) is an Academy Award® and three-time Golden Globe® winner with numerous film credits, including Disney's "Maleficent" series, "Girl, Interrupted" and "Salt." She also directed, produced and co-wrote the critically acclaimed "First They Killed My Father" and directed the Oscar®-nominated "Unbroken."

Jolie is UN Special Envoy of the High Commissioner for Refugees, a Time magazine contributing editor and

co-author of “Know Your Rights and Claim Them,” a guide for youth published in collaboration with Amnesty International and Geraldine Van Bueren.

HARISH PATEL (Karun) was recently seen in Amazon/MGM Studios’ “Four Weddings and a Funeral,” directed by Tristram Shapeero. He plays the series-regular role of Haroon.

Patel is widely recognized as shopkeeper Raj in David Walliams’ children’s-books screen adaptations. These include: “The Midnight Gang,” “Grandpa’s Great Escape,” “Ratburger,” “Billionaire Boy,” “The Boy in the Dress,” “Gangsta Granny” and “Mr. Stink” (BBC/King Bert Productions).

His other TV credits include: “Mapp & Lucia” (BBC), “The Driver” (Red Productions), “My Freakin’ Family” (ABC Studios), “Nevermind Nirvana” (20th Century Fox), “Coronation Street” (ITV), “The No. 1 Ladies’ Detective Agency” (BBC) and “The Buddha of Suburbia” (BBC).

Patel’s extensive film credits include “Lies We Tell,” “Jadoo,” “Keith Lemon: The Film,” “All in Good Time,” “Today’s Special,” “Run Fatboy Run,” “Chicken Tikka Masala,” “Love at Times Square,” “My Son the Fanatic” and “Kama Sutra: A Tale of Love.”

Patel’s theater credits: “Romeo & Juliet” (Shakespeare’s Globe) and “Rafta, Rafta” (National Theatre).

ABOUT THE FILMMAKERS

CHLOÉ ZHAO (Director, Screenplay by) is a Chinese writer, director, editor and producer. Her feature debut, “Songs My Brothers Taught Me,” premiered at the 2015 Sundance Film Festival. Her second feature, “The Rider,” premiered at the Directors’ Fortnight at the 2017 Cannes Film Festival and was awarded the Art Cinema Award.

Zhao’s most recent film, “Nomadland,” premiered at the 2020 Venice Film Festival and was awarded the Golden Lion. The film and Zhao also earned the industry’s highest acclaim, including Golden Globe®, BAFTA, DGA and PGA awards, and three Academy Awards® for best director, best actress in a leading role and best picture.

KEVIN FEIGE (Producer) is the driving creative force behind several billion-dollar franchises and an unprecedented number of blockbuster feature films, all connected within the Marvel Cinematic Universe. A hands-on producer, Feige oversees Marvel Studios’ feature film productions, with 24 film releases that have all opened No. 1 at the box office and collectively grossed nearly $23 billion worldwide. Nine of the MCU films have crossed the $1 billion threshold at the global box office. An Academy Award® nominee, Feige was honored with the 2019 David O. Selznick Achievement Award from the Producers Guild of America, as well as the Albert R. Broccoli Britannia Award for Worldwide Contribution to Entertainment from BAFTA (British Academy of Film and Television Arts).

The Marvel Cinematic Universe is currently the highest-grossing film franchise of all time. Feige is building on that success with a host of new series on Disney+ in 2021. “WandaVision” debuted on Jan. 15 starring Elizabeth Olsen and Paul Bettany as Wanda Maximoff and Vision—two super-powered beings living idealized suburban lives, who begin to suspect everything is not as it seems. The series is directed by Matt Shakman with Jac Schaeffer serving as head writer. “The Falcon and The Winter Soldier” kicked off on Disney+ March 19, 2021, and stars Anthony Mackie as Sam Wilson, aka The Falcon, and Sebastian Stan as Bucky Barnes, aka The Winter Soldier. They team up on a global adventure that tests their abilities—and their patience. The six-episode series is directed by Kari

Skogland with Malcolm Spellman serving as head writer. “Loki,” featuring the God of Mischief as he steps out of his brother’s shadow, stars Tom Hiddleston and is directed by Kate Herron with Michael Waldron serving as head writer. The series launched on June 9. “What If…?” flips the script on the MCU, reimagining famous events from the films in unexpected ways. Marvel Studios’ first animated series focuses on different heroes from the MCU, featuring a voice cast that includes a host of stars who reprise their roles. Directed by Bryan Andrews with A. C. Bradley as head writer, the series debuted on August 11.

Next up for Marvel Studios and Disney+ is the “Hawkeye” series, starring Jeremy Renner. When a threat from his past shows up, Hawkeye reluctantly teams up with Kate Bishop (Hailee Steinfeld), a 22-year-old skilled archer and his biggest fan, to unravel a criminal conspiracy. The series also features Vera Farmiga, Fra Fee, Tony Dalton, Zahn McClarnon, Brian d’Arcy James and newcomer Alaqua Cox as Maya Lopez. Helmed by Rhys Thomas and directing duo Bert & Bertie, “Hawkeye” debuts exclusively on Disney+ on November 24.

Now in Phase Four, feature films this year include the action-packed spy thriller “Black Widow,” directed by Cate Shortland. The film opened No. 1 at the box office on July 7 with $80 million. “Shang-Chi and The Legend of The Ten Rings” followed on September 3 and broke the Labor Day box-office record, garnering $94 million over the four-day weekend. Destin Daniel Cretton directed the box-office hit, which has brought in over $390 million worldwide thus far.

In 2019 Marvel Studios’ critically acclaimed “Avengers: Endgame” broke records on its way to becoming the highest-grossing worldwide release of all time. The film garnered almost $2.8 billion at the worldwide box office and was the fastest film in cinematic history to reach $2 billion, which it did within 11 days of release. The film also had the highest opening weekend of all time with over $1.2 billion. That same year, Feige produced “Spider-Man: Far from Home,” the highest-grossing Columbia Pictures film of all time. Starring Tom Holland, Samuel L. Jackson and Jake Gyllenhaal, the film earned more than $1.1 billion at the global box office. Also in 2019, Brie Larson starred in “Captain Marvel” as the Marvel Cinematic Universe’s first stand-alone, female-franchise title character. Produced by Feige and helmed by Anna Boden and Ryan Fleck, the film garnered over $1.1 billion.

In 2018 Feige produced “Ant-Man and The Wasp,” which made over $622.5 million at the worldwide box office. “Avengers: Infinity War” broke box-office records with $250 million domestically and $630 million worldwide in its opening weekend, which was the biggest opening weekend of all time—topped the following year by “Avengers: Endgame.” Eleven days after release, “Avengers: Infinity War” crossed the $1 billion mark worldwide, and exceeds $2 billion in total box office. “Black Panther,” which grossed more than $1.3 billion worldwide, picked up seven Oscar® nominations, including best picture, and went on to win three Academy Awards®: best costume design, best production design and best original music score. “Black Panther” also won the Screen Actors Guild Award® for outstanding performance by a cast in a motion picture.

In 2017 Feige produced “Thor: Ragnarok,” “Guardians of the Galaxy Vol. 2” and “Spider-Man: Homecoming.” In 2016 “Doctor Strange” continued the streak of No. 1 openings, and “Captain America: Civil War” was the highest-grossing film of the year. In 2015, Feige produced “Avengers: Age of Ultron,” and launched another successful franchise with “Ant-Man,” starring Paul Rudd. In 2014 Feige produced “Guardians of the Galaxy” and “Captain America: The Winter Soldier.”

In 2013 Feige produced “Thor: The Dark World” and “Iron Man 3.” In 2012 he produced the critically acclaimed “Marvel’s The Avengers,” which set an all-time domestic three-day-weekend box-office record. In 2011 Feige produced and launched two Marvel film franchises—“Captain America: The First Avenger” and “Thor.” In 2010 he produced “Iron Man 2,” and in 2008 he produced the first fully developed and financed films from the new Marvel Studios, including the blockbusters “Iron Man” and “The Incredible Hulk.”

Feige joined Marvel in 2000 and served as executive producer on the second and third "Spider-Man" films, which took in combined worldwide box-office receipts of well over $1.5 billion. Feige also co-produced "X-Men 2" and executive produced "X-Men: The Last Stand," among other Marvel-branded films.

A graduate of the University of Southern California, School of Cinematic Arts, Feige first worked for Lauren Shuler Donner and Richard Donner at their Warner Bros.–based production company, which released the action-adventure "Volcano" and the hit romantic comedy "You've Got Mail." Feige earned his first producer credit on "X-Men," a film that is credited with revitalizing the comic-book genre.

NATE MOORE (Producer) is an executive in development and production at Marvel Studios, reporting to Kevin Feige, President, Marvel Studios. In this position, Moore develops scripts from existing Marvel publishing properties for feature films and Disney+ series.

Most recently, Moore was executive producer on the Marvel Studios series "The Falcon and The Winter Soldier," which streamed exclusively on Disney+ earlier this year. In 2018 he was executive producer on "Black Panther." Prior to that, Moore worked on "Captain America: The Winter Soldier" and "Captain America: Civil War." He also helped develop the script for "Guardians of the Galaxy" in the Marvel Writer's Program. Moore is currently in production on "Black Panther 2."

Moore received a bachelor's degree in communications studies from the University of California at Los Angeles and resides in Los Angeles, Calif.

Marvel Studios Co-President **LOUIS D'ESPOSITO (Executive Producer)** served as executive producer on the blockbuster hits "Iron Man," "Iron Man 2," "Thor," "Captain America: The First Avenger," "Marvel's The Avengers," "Iron Man 3," "Thor: The Dark World," "Captain America: The Winter Soldier," "Guardians of the Galaxy," "Captain America: Civil War," "Avengers: Age of Ultron," "Ant-Man," "Doctor Strange," "Guardians of the Galaxy Vol. 2," "Spider-Man: Homecoming," "Thor: Ragnarok," "Black Panther," "Avengers: Infinity War," "Ant-Man and The Wasp," "Captain Marvel," "Avengers: Endgame," "Spider-Man: Far From Home," "Black Widow" and, most recently, "Shang-Chi and The Legend of The Ten Rings."

For the Disney+ platform, D'Esposito recently worked on "WandaVision," "The Falcon and The Winter Soldier," "Loki," "What If…?" and the upcoming "Hawkeye," launching on November 24.

Upcoming projects, on which D'Esposito is collaborating with Marvel Studios President Kevin Feige, include the feature films "Doctor Strange in the Multiverse of Madness," "Thor: Love and Thunder" and "Blade," as well as a slate of programming for Disney+, including "Ms. Marvel," "She-Hulk" and "Moon Knight."

As co-president of the studio and executive producer on all Marvel Studios features and streaming shows, D'Esposito balances running the studio with overseeing each project from its development stage to distribution. In addition to executive-producing Marvel Studios' films and shows, D'Esposito directed the Marvel One-Shot "Item 47," which made its debut to fans at the 2012 San Diego Comic-Con International and was featured again at the LA Shorts Fest in September 2012. The project was released as an added feature on the "Marvel's The Avengers" Blu-ray disc. D'Esposito also directed the second Marvel One-Shot, "Agent Carter," starring Hayley Atwell, which premiered at the 2013 San Diego Comic-Con to critical praise from press and fans, and is an added feature on the "Iron Man 3" Blu-ray disc. The One-Shot's popularity led to development of the TV series "Marvel's Agent Carter." D'Esposito began his tenure at Marvel Studios in 2006.

Prior to Marvel, D'Esposito's executive-producing credits include the 2006 hit film "The Pursuit of Happyness," starring Will Smith; "Zathura: A Space Adventure"; and the 2003 hit "S.W.A.T.," starring Samuel L. Jackson and Colin Farrell.

VICTORIA ALONSO (Executive Producer) serves as Executive Vice President of Production for Marvel Studios and as an executive producer of all Marvel films, which have amassed nearly $23 billion worldwide, including "Avengers: Endgame," "Captain America," "Guardians of the Galaxy," "Thor," "Black Panther," and the female-led "Captain Marvel" and "Black Widow." Alonso also serves as executive producer on new series streaming on Disney+, including this year's "WandaVision," which debuted on Jan. 15; "The Falcon and The Winter Soldier," which started streaming March 19; "Loki," which launched June 9; and, most recently, "What If…?," which began streaming on August 11. Upcoming projects for Disney+ include "Hawkeye," which launches on November 24, and "Ms. Marvel."

A native of Buenos Aires, Alonso began her career in visual effects & production—from PA to VFX producer and eventually joining Marvel as EVP of visual effects and post production.

Alonso was named one of People en Español Magazine's top "Poderosa" Most Influential Hispanic Women in 2019 and 2020. She was also listed as one of The Hollywood Reporter's 2021 Women in Entertainment Power 100, marking her third time on the list, and was the 2015 honoree for the Muse Award for Outstanding Vision and Achievement. She was the first woman to be presented with the Harold Lloyd Award from the Advanced Imaging Society, and the first woman to receive the Visionary Award at the 15th Annual VES Awards.

KEVIN DE LA NOY (Executive Producer) most recently served as an executive producer on the Walt Disney Studios global blockbuster "Aladdin," directed by Guy Ritchie and starring Will Smith, and for "Now You See Me 2," the sequel to the hit heist thriller directed by John M. Chu that starred Jesse Eisenberg, Mark Ruffalo, Woody Harrelson and Isla Fisher.

His other executive producer credits include two films in Christopher Nolan's powerful Batman trilogy, "The Dark Knight Rises" and "The Dark Knight," as well as "Clash of the Titans" and "Wrath of the Titans."

De la Noy executive produced "Blood Diamond," starring Leonardo DiCaprio, Jennifer Connelly and Djimon Hounsou for director Edward Zwick, having previously collaborated with Zwick as the unit production manager on "The Last Samurai." He co-produced Michael Mann's biographical crime drama "Public Enemies," which starred Johnny Depp as legendary outlaw John Dillinger, as well as Richard Donner's sci-fi thriller "Timeline," and he was an associate producer on Steven Spielberg's award-winning World War II drama, "Saving Private Ryan."

His other credits include as a unit production manager on such hits as "Ali," "Titanic," "Braveheart," "Mission: Impossible" and "Mission: Impossible II" and production supervisor on "The Power of One" and location manager on "The Ghost and the Darkness," "Black Beauty," "The Secret Garden" and "1492: Conquest of Paradise."

De la Noy has also served as assistant director on a number of features.

RYAN FIRPO & KAZ FIRPO adapted "Prodigy" for Netflix and Will Packer Productions, based on Mark Millar's original graphic novel, which is slated to launch Netflix's highly anticipated "Millar-World." In 2020 the Firpos sold their original sci-fi stoner-comedy feature "The Aliens Are Stealing Our Weed" to Paramount Pictures, with

Gina Rodriguez attached to star and produce via her I Can and I Will Productions banner.

The duo's first feature screenplay, "Ruin," topped The Blacklist in 2017. In 2018 their original sci-fi screenplay "Mimi From Rio" was purchased in a competitive situation by Netflix with Scott Free and Bryan Unkeless producing.

The Firpos are currently adapting Matthew Baker's acclaimed sci-fi short story "Life Sentence" for Netflix with 6th & Idaho producing.

PATRICK BURLEIGH recently adapted the beloved young adult book series "The Borrowers" for Working Title/ Universal with Conrad Vernon directing. He also wrote "Peter Rabbit 2" and Genndy Tartakovsky's "The Black Knight" for Sony Animation.

Currently Burleigh is developing a series with Dan Levy ("Schitt's Creek") at Hulu, based on his piece in New York Magazine about his family's rare genetic mutation. Prior to that, Burleigh was tapped to reboot the "Power Rangers" feature film franchise for Hasbro/Paramount. Patrick also adapted Nicholas Griffin's book "Ping-Pong Diplomacy" with Archer Gray producing and Will Gluck producing, now in development at eOne as a limited series.

After getting his masters at Trinity College Dublin, Ireland, Burleigh began his career as a playwright. His plays have been seen at Atlantic Theater Company, Naked Angels, New York Stage & Film, The Blank and The Skylight. He was a 2017 Humanitas Foundation playwriting fellow. Burleigh also writes personal essays and nonfiction. His aforementioned New York Magazine piece received widespread attention and was reported on by NPR, the BBC and news outlets around the world.

BEN DAVIS, BSC (Director of Photography) received BAFTA, Satellite and BIFA nominations for his work on "Three Billboards Outside Ebbing, Missouri," directed by Martin McDonagh, with whom he has also collaborated on "Seven Psychopaths" and "The Banshees of Inisherin."

Davis has shot several Marvel Studios movies, including James Gunn's "Guardians of the Galaxy," Joss Whedon's "Avengers: Age of Ultron," Scott Derrickson's "Doctor Strange" and Anna Boden & Ryan Fleck's "Captain Marvel."

He has collaborated with Matthew Vaughn on "Layer Cake," "Stardust," "Kick-Ass" and "The King's Man," and with Michael Grandage on "Genius" and "My Policeman."

Davis' work can also be seen in Rowan Joffe's "Before I Go to Sleep," Jonathan Liebesman's "Wrath of the Titans," John Madden's "The Best Exotic Marigold Hotel" and "The Debt," Stephen Frears' "Tamara Drewe" and Tim Burton's "Dumbo."

His most recent project was "Cry Macho," which marked Davis' first collaboration with Clint Eastwood.

EVE STEWART (Production Designer) is a native Londoner who worked as a theater designer for many years before returning to study for a masters in architecture at the Royal College of Art, while she had her two daughters. She then went on to work on several architectural projects, including international exhibitions, as well as continuing to design for theater.

Stewart entered the British film industry when she was asked by director Mike Leigh to become an art director on his feature film "Naked." After that she went on to become his production designer for many years, designing films such as "Topsy-Turvy," for which she received an Academy Award® nomination, and "Vera Drake," for which she received a BAFTA nomination.

She is a four-time Oscar®-nominated and BAFTA-winning production designer and has worked on films such as "The King's Speech," "Les Misérables" and "The Danish Girl" with her longtime collaborator Tom Hooper.

Among Stewart's other work are projects with Terry Gilliam, the producer Barbara Broccoli on "Film Stars Don't Die" in Liverpool, and with Fede Alvarez on "The Girl in the Spider's Web."

Stewart has recently also started to take on more commercials.

CRAIG WOOD, ACE (Editor) is the award-winning editor of some of the highest-grossing films of all time. Prior to "Eternals," he cut "Ant-Man and The Wasp," "Guardians of the Galaxy" and "Guardians of the Galaxy Vol. 2," and the first three "Pirates of the Caribbean" films.

Wood previously collaborated with "Pirates of the Caribbean" director Gore Verbinski on a number of features, including the editing of the horror film "The Ring" and the animated western "Rango," the latter winning best animated feature at the 84th Academy Awards®.

DYLAN TICHENOR, ACE (Editor) got his start in the craft of editing with editor Geraldine Peroni, who brought him on as apprentice editor on Robert Altman's "The Player." Continuing this collaboration, he went on to be assistant editor on "Short Cuts" and "Prêt-à-Porter (Ready to Wear)," associate editor on Alan Rudolph's "Mrs. Parker and the Vicious Circle," then technical coordinator on Altman's "Kansas City" and finally as co-editor on the documentary "Jazz '34," for which he earned an Emmy® nomination.

Tichenor subsequently entered an ongoing collaboration with writer/director Paul Thomas Anderson, beginning as post-production supervisor on "Sydney (Hard Eight)," and then editing the award-winning features "Boogie Nights," "Magnolia" and "There Will Be Blood," for which he was nominated for an Academy Award®.

His other credits as editor include "Hurlyburly," "Unbreakable," "The Royal Tenenbaums," "Brokeback Mountain," "The Assassination of Jesse James by the Coward Robert Ford," "Doubt," "Whip It," "The Town," "Lawless" and "Zero Dark Thirty," which earned him a second Oscar® nomination.

His recent projects have been "Child 44," "Triple 9," "American Made" and "Stronger." Tichenor's latest release was another collaboration with director Paul Thomas Anderson, the best picture–nominated "Phantom Thread."

Current projects include "Antlers" with Scott Cooper. The film is slated for an October 29 release.

SAMMY SHELDON DIFFER (Costume Designer) was born in Manchester and started her career at the Royal Exchange Theatre as a costume maker, and then studied costume design at Wimbledon School of Art from 1990 to 1993.

After graduating with a degree, she moved into designing costumes for pop promos and advertising, before

becoming an assistant designer on films including Ridley Scott's "Gladiator" and Jake Scott's "Plunkett & Macleane." She went on to design costumes for Ridley Scott's "Black Hawk Down" and the mockumentary "Calcium Kid," starring Orlando Bloom.

Sheldon Differ has received BAFTA Film nominations for her work on Morten Tyldum's "The Imitation Game," starring Benedict Cumberbatch and Keira Knightley, and "The Merchant of Venice," starring Al Pacino and Jeremy Irons; as well as a BAFTA TV nomination for the BBC's modern adaptation of "The Canterbury Tales: The Wife of Bath."

She received Costume Designers Guild Award nominations for excellence in period film for "The Imitation Game" and excellence in fantasy film for "Ex Machina," "X-Men: First Class" and "V for Vendetta."

Her other film credits include "Kick-Ass 2," "Gulliver's Travels," "Kick-Ass," "The Green Zone," "Hellboy 2: The Golden Army," "Stardust," "Kinky Boots" and "The Hitchhiker's Guide to the Galaxy."

Sheldon Differ's more recent film credits include "Assassin's Creed," directed by Justin Kurzel; Marvel Studios' "Ant-Man," directed by Peyton Reed; "Annihilation," directed by Alex Garland; "Jurassic World: Fallen Kingdom," directed by JA Bayona; and Disney's "Artemis Fowl," directed by Kenneth Branagh.

A native of France and a Canadian citizen, **STEPHANE CERETTI (Visual Effects Supervisor)** started in the VFX industry at BUF Compagnie in Paris in 1996. He began his career working on "Batman and Robin" and numerous commercials, and became VFX supervisor for BUF on Tarsem's "The Cell."

Ceretti has been involved as VFX supervisor on major feature films such as the Wachowskis' "Matrix" sequels, as well as Oliver Stone's "Alexander" and various genres of films from "Harry Potter and the Goblet of Fire" to "Batman Begins" and "Silent Hill." He has been overall VFX supervisor for a few projects at BUF, including "The Prestige" by world-acclaimed director Christopher Nolan.

He joined MPC and Method studios in London, where he met with Marvel Studios. He started as 2nd VFX supervisor on the shoot of Joe Johnston's "Captain America: The First Avenger." Other projects include Fox Studios' "X-Men: First Class." He also co-supervised the visual effects of Warner Bros.' "Cloud Atlas," directed by the Wachowskis and Tom Tykwer.

Following his work on Marvel Studios' "Thor: The Dark World" as a 2nd unit supervisor, he joined Marvel Studios' "Guardians of the Galaxy" as the main VFX supervisor, followed by Marvel Studios' "Doctor Strange." For his work on these two movies, he received Oscar® and BAFTA nominations, as well as VES Awards.

His most recent project with Marvel Studios' was Peyton Reed's "Ant-Man and The Wasp."

SUSAN PICKETT (Visual Effects Producer) has worked in visual effects at Marvel Studios for over 14 years, starting with the first "Iron Man."

She has worked on over 30 feature films during the span of her career, with the distinction of being a production assistant on "Dirty Dancing" and flying with the cast in the KC-135 (vomit-comet) on "Apollo 13." Pickett is a member of the Visual Effects Society, the Directors Guild of America, the Producers Guild of America, the Academy of Motion Picture Arts and Sciences and BAFTA.

You could say composer **RAMIN DJAWADI (Music by)**, two-time Emmy® Award winner and three-time Grammy® nominee, resembles a "musical chameleon." Versatility has defined his career, including celebrated scores for "Game of Thrones," "Iron Man," "Westworld," "Pacific Rim," "Jack Ryan," "A Wrinkle in Time," "Clash of the Titans," "Great Wall" and "Prison Break."

Djawadi has also composed scores for blockbuster video games, including "New World," "Gears 5," "Gears of War 4" and "Medal of Honor." He recently released his original music for "Surreal," the water feature at Expo 2020 in Dubai.

Djawadi has won two Emmy® Awards in the category of outstanding music composition for a series original dramatic score for his work on "Game of Thrones." In collaboration with HBO and Live Nation, he transported the music from "Game of Thrones" into sold-out arenas and venues around the world for the Game of Thrones Live Concert Experience. The concert stirred up accolades from the Los Angeles Times, Entertainment Weekly, The New Yorker, Mashable and more. The Game of Thrones Live Concert Experience also received rave reviews in Europe during the spring of 2018 and returned to North America for a second tour in the fall of 2018 and a third tour in the fall of 2019. Djawadi has conducted and performed at over 75 arena concerts to date, culminating in a sold-out performance at the Hollywood Bowl in Los Angeles.

After his graduation from Berklee College of Music, Djawadi picked up and moved west to Los Angeles, where he was introduced to Hans Zimmer shortly thereafter. He cut his teeth by collaborating with Zimmer on projects such as "Pirates of the Caribbean: The Curse of the Black Pearl." He personally scored "Blade: Trinity" in 2014, a project that allowed him to team up with legendary Wu-Tang Clan mastermind RZA and begin a string of dynamic and genre-bending collaborations. He would go on to write music for "Open Season" alongside The Replacements' Paul Westerberg and tap the talents of guitar-god Tom Morello (Rage Against the Machine, Audioslave, Prophets of Rage) for key cues in "Iron Man" and "Pacific Rim." Moreover, he became a frequent collaborator for notable directors and producers such as Jonathan Nolan ("Person of Interest," "Westworld"), J.J. Abrams ("Person of Interest") and Lisa Joy ("Westworld").

Most notably, "Game of Thrones" illuminates the breadth of his talent. Djawadi's "Main Title Theme" has become just as iconic and essential to the show as the Iron Throne. Season Six boasted one of his most popular compositions, "Light of the Seven," which has impressively surpassed 100 million Spotify streams to date. His entrancing and elegant compositions typically average over 2.5 million plays monthly on Spotify, while spawning countless viral covers, and even topping Billboard's Top Soundtracks chart. Djawadi's Game of Thrones score albums have amassed over 1 billion.

DAVE JORDAN (Music Supervisor) began his career working for record labels but soon transitioned to become one of Hollywood's most sought-after theatrical music supervisors. His supervision credits include some of the most successful film franchises in the world, including "Guardians of the Galaxy," "Iron Man," "Avengers" and "Transformers." Jordan's success has ranked him the top-grossing music supervisor in film history.

In 2001 Jordan founded Format Entertainment. Format has grown into the largest collection of theatrical and television music supervisors in the world. Format's supervision core is reinforced by a robust infrastructure of creative, executive and administrative individuals and resources allowing Format to thrive as a full-service, solutions-oriented creative agency.

Format's music supervision efforts have yielded numerous chart-topping albums, including number-one spots for the "Guardians of the Galaxy," "A Star Is Born," "Black Panther" and "Pitch Perfect" soundtracks. Recently,

Format albums occupied an unprecedented four of the top five positions on the Billboard charts. Format has won multiple GRAMMYs®, American Music Awards, Guild of Supervisor Awards and received several Emmy® nominations.

Format's clients are some of the most recognizable names in entertainment, media, advertising and consumer brands, names such as Marvel Studios, Warner Consumer Products and Spin Master. Format helps companies design clear and compelling sonic footprints across projects, platforms and media to tell bold stories, strengthen identity and develop consumer relevance and recognition. Format has crafted campaigns for flagship brands, such as Mattel's iconic Barbie and Spin Master's global sensation Paw Patrol.

Recognizing an industry void and seeing an opportunity he could deliver against, Jordan incorporated The Math Club, an original music creation company under the Format umbrella. By signing new and exciting talent and constantly reevaluating the media and music landscape, The Math Club provides a seamless and efficient experience for the film, television and brand communities. The Math Club's music serves as the backbone of some of television's biggest hits and has earned thousands of major placements on shows and films such as "This Is Us," "Euphoria," "The Boys," "Hustlers," "Crazy Rich Asians," "Dolemite Is My Name" and "Spider-Man: Into the Spider-Verse." Format and The Math Club have worked on campaigns for brands such as BMW, Procter & Gamble and McDonald's.

Most recently, Jordan, along with Shannon Murphy, was the music supervisor on Marvel Studios' "Loki," an original series streamed on Disney+, and served as music supervisor on Marvel Studios' "Shang-Chi and The Legend of The Ten Rings."

Jordan serves on the Los Angeles Board of Governors for the GRAMMY® Committee, contributing to advocacy, education and human service programs to improve the cultural condition and quality of life for music and its makers.

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